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List of key words used in the annual subject indexes

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This list is common to *Monthly Notices of the Royal Astronomical Society*, *Astronomy and Astrophysics*, and *The Astrophysical Journal*. In order to ease the search, the key words are subdivided into broad categories. No more than six subcategories altogether should be listed for a paper.

The subcategories in boldface containing the word 'individual' are intended for use with specific astronomical objects; these should never be used alone, but always in combination with the most common names for the astronomical objects in question. Note that each object counts as one subcategory within the allowed limit of six.

The parts of the key words in italics are for reference only and should be omitted when the key words are entered on the manuscript.

General

book reviews
editorials, notices
errata, addenda
extraterrestrial intelligence
history and philosophy of astronomy
miscellaneous
obituaries, biographies

Physical data and processes

acceleration of particles
accretion, accretion discs
atomic data
atomic processes
black hole physics
chaos
conduction
convection
cosmic strings
dense matter
diffusion
elementary particles
equation of state
gravitation
hydrodynamics
instabilities
line: formation
line: identification
line: profiles
magnetic fields
(*magnetohydrodynamics*) MHD
masers
molecular data
molecular processes
nuclear reactions, nucleosynthesis, abundances
plasmas
polarization

radiation mechanisms: nonthermal
radiation mechanisms: thermal
radiative transfer
relativity
scattering
shock waves
turbulence
waves

Astronomical instrumentation, methods and techniques

atmospheric effects
balloons
instrumentation: detectors
instrumentation: interferometers
instrumentation: miscellaneous
instrumentation: photometers
instrumentation: polarimeters
instrumentation: spectrographs
methods: analytical
methods: data analysis
methods: laboratory
methods: miscellaneous
methods: numerical
methods: observational
methods: statistical
site testing
space vehicles
techniques: image processing
techniques: interferometric
techniques: miscellaneous
techniques: photometric
techniques: polarimetric
techniques: radar astronomy
techniques: radial velocities
techniques: spectroscopic
telescopes

Astronomical data bases

astronomical data bases: miscellaneous
atlases
catalogues
surveys

Astrometry and celestial mechanics

astrometry
celestial mechanics, stellar dynamics
eclipses
ephemerides
occultations
reference systems
time

The Sun

Sun: abundances
Sun: activity
Sun: atmosphere
Sun: chromosphere
Sun: corona
Sun: evolution
Sun: faculae, plages
Sun: filaments
Sun: flares
Sun: fundamental parameters
Sun: general
Sun: granulation
Sun: infrared
Sun: interior
Sun: magnetic fields
Sun: oscillations
Sun: particle emission
Sun: photosphere
Sun: prominences
Sun: radio radiation
Sun: rotation
(Sun:) solar-terrestrial relations
(Sun:) solar wind
(Sun:) sunspots
Sun: transition region
Sun: UV radiation
Sun: X-rays, gamma-rays

Solar system

comets: general
comets: individual: ...
Earth
interplanetary medium
meteors, meteoroids
minor planets, asteroids
Moon
planets and satellites: general
planets and satellites: individual: ...
Solar system: formation
Solar system: general

Stars

stars: abundances
stars: activity
stars: AGB and post-AGB
stars: atmospheres
(stars:) binaries (including multiple): close
(stars:) binaries: eclipsing
(stars:) binaries: general
(stars:) binaries: spectroscopic
(stars:) binaries: symbiotic
(stars:) binaries: visual
(stars:) blue stragglers
stars: carbon
stars: chemically peculiar
stars: chromospheres
(stars:) circumstellar matter
stars: coronae
stars: distances
stars: early-type

stars: emission-line, Be
stars: evolution
stars: flare
stars: formation
stars: fundamental parameters (*classification, colours, luminosities, masses, radii, temperatures, etc.*)
stars: general
(stars:) Hertzsprung-Russell (HR) diagram
stars: horizontal branch
stars: imaging
stars: individual: ...
stars: interiors
stars: kinematics
stars: late-type
stars: low-mass, brown dwarfs
stars: luminosity function, mass function
stars: magnetic fields
stars: mass-loss
stars: neutron
(stars:) novae, cataclysmic variables
stars: oscillations (*including pulsations*)
stars: peculiar (*except chemically peculiar*)
(stars:) planetary systems
stars: Population II
stars: pre-main-sequence
(stars:) pulsars: general
(stars:) pulsars: individual: ...
stars: rotation
stars: statistics
(stars:) subdwarfs
(stars:) supergiants
(stars:) supernovae: general
(stars:) supernovae: individual: ...
(stars: variables:) Cepheids
(stars: variables:) δ Scuti
stars: variables: other
(stars:) white dwarfs
stars: Wolf-Rayet

Interstellar medium (ISM), nebulae

ISM: abundances
ISM: atoms
ISM: bubbles
ISM: clouds
(ISM:) cosmic rays
(ISM:) dust, extinction
ISM: general
ISM: globules
(ISM:) H II regions
ISM: individual: ...
(except planetary nebulae)
ISM: jets and outflows
ISM: kinematics and dynamics
ISM: magnetic fields
ISM: molecules
(ISM:) planetary nebulae: general
(ISM:) planetary nebulae: individual: ...
(ISM:) reflection nebulae
ISM: structure
(ISM:) supernova remnants

The Galaxy

Galaxy: abundances
Galaxy: centre
Galaxy: evolution
Galaxy: formation
Galaxy: fundamental parameters
Galaxy: general
(Galaxy:) globular clusters: general
(Galaxy:) globular clusters: individual: ...
Galaxy: halo
Galaxy: kinematics and dynamics
(Galaxy:) open clusters and associations: general
(Galaxy:) open clusters and associations: individual: ...
(Galaxy:) solar neighbourhood
Galaxy: stellar content
Galaxy: structure

Galaxies

galaxies: abundances
galaxies: active
(galaxies:) BL Lacertae objects: general
(galaxies:) BL Lacertae objects: individual: ...
galaxies: clusters: general
galaxies: clusters: individual: ...
galaxies: compact
(galaxies:) cooling flows
galaxies: distances and redshifts
galaxies: elliptical and lenticular, cD
galaxies: evolution
galaxies: formation
galaxies: fundamental parameters
(classification, colours, luminosities, masses, radii, etc.)
galaxies: general
galaxies: haloes
galaxies: individual: ...
galaxies: interactions
(galaxies:) intergalactic medium
galaxies: ISM
galaxies: irregular
galaxies: jets
galaxies: kinematics and dynamics
(galaxies:) Local Group
galaxies: luminosity function, mass function
(galaxies:) Magellanic Clouds
galaxies: magnetic fields
galaxies: nuclei
galaxies: peculiar
galaxies: photometry
(galaxies:) quasars: absorption lines
(galaxies:) quasars: emission lines
(galaxies:) quasars: general

(galaxies:) quasars: individual: ...

galaxies: Seyfert
galaxies: spiral
galaxies: starburst
galaxies: star clusters
galaxies: statistics
galaxies: stellar content
galaxies: structure

Cosmology

(cosmology:) cosmic microwave background
cosmology: miscellaneous
cosmology: observations
cosmology: theory
(cosmology:) dark matter
(cosmology:) diffuse radiation
(cosmology:) distance scale
(cosmology:) early Universe
(cosmology:) gravitational lensing
(cosmology:) large-scale structure of Universe

Sources as a function of wavelength

gamma-rays: bursts
gamma-rays: observations
gamma-rays: theory
infrared: galaxies
infrared: general
infrared: ISM: continuum
infrared: ISM: lines and bands
infrared: Solar system
infrared: stars
radio continuum: galaxies
radio continuum: general
radio continuum: ISM
radio continuum: Solar system
radio continuum: stars
radio lines: galaxies
radio lines: general
radio lines: ISM
radio lines: Solar system
radio lines: stars
ultraviolet: galaxies
ultraviolet: general
ultraviolet: ISM
ultraviolet: Solar system
ultraviolet: stars
X-rays: bursts
X-rays: galaxies
X-rays: general
X-rays: ISM
X-rays: stars

SUBJECT INDEX

General

Editorials, notices

Editorial: submission of papers in T_EX or L^AT_EX, **282**, 1105

Errata, addenda

Erratum: Substructure in clusters of galaxies and the value of Ω (Dutta S.N.), **280**, 335

Erratum: The M5 RR Lyrae population (Reid N.), **282**, 304

Erratum: Infrared spectroscopy of high-redshift quasars (Baker A.C., Carswell R.F., Bailey J.A., Espey B.R., Smith M.G., Ward M.J.), **282**, 704

Erratum: The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **283**, 1102

Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **283**, 1103

Extraterrestrial intelligence

The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727

Physical data and processes

Acceleration of particles

Coronal gamma-ray bursts as the sources of ultra-high-energy cosmic rays? (Vietri M.), **278**, L1

The acceleration time-scale for first-order Fermi acceleration in relativistic shock waves (Bednarz J., Ostrowski M.), **283**, 447

Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lucre S.G.), **283**, 1083

Accretion, accretion discs

Triple black hole systems formed in mergers of galaxies (Valtonen M.J.), **278**, 186

V795 Her: an SW Sex star in the period gap? (Casares J., Martínez-Pais I.G., Marsh T.R., Charles P.A., Lázaro C.), **278**, 219

Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshchev I.V., Xingming Chen, Abramowicz M.A.), **278**, 236

Energetics of star-disc encounters in the non-linear regime (Hall S.M., Clarke C.J., Pringle J.E.), **278**, 303

The eclipsing dwarf nova HS 1804 + 6753 (Billington I., Marsh T.R., Dhillon V.S.), **278**, 673

The stellar population and featureless continuum in the Seyfert nucleus of NGC 3516 (Serote-Roos M., Boisson C., Joly M., Ward M.J.), **278**, 897

X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082

Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111

Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts (Clarke C.J., Syer D.), **278**, L23

On the origin of double-peaked emission lines in active galactic nuclei (Livio M., Pringle J.E.), **278**, L35

Runaway instability and gamma-ray bursts (Nishida S., Lanza A., Eriguchi Y., Abramowicz M.A.), **278**, L41

Protostellar envelopes: a clue to the initial conditions of star formation (Bonnell I.A., Bate M.R., Price N.M.), **279**, 121

The non-axisymmetric instability of a cylindrical shear flow containing an azimuthal magnetic field (Ogilvie G.I., Pringle J.E.), **279**, 152

Accretion disc radii in eclipsing cataclysmic variables (Harrop-Allin M.K., Warner B.), **279**, 219

Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389

SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), **279**, 402

Tidally induced warps in T Tauri discs – II. A parametric study of spectral energy distributions (Terquem C., Bertout C.), **279**, 415

Sonic-point instability with a new revised viscosity and isothermal accretion disc (Yang L., Yang P., Wu S., Wu X.), **279**, 669

On the stability of an accretion disc containing a toroidal magnetic field (Terquem C., Papaloizou J.C.B.), **279**, 767

The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325–5926 (Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H.), **279**, 837

Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940

Accretion disc boundary layers around pre-main-sequence stars (Godon P.), **279**, 1071

Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101

Superhumps and ultraviolet superdips: *HST* observations of OY Car (Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M.), **279**, 1274

The origin of the correlation between the UV and X-rays in NGC 4151 (Zdziarski A.A., Magdziarz P.), **279**, L21

A comment on the stability of magnetic wind-driving accretion discs (Königl A., Wardle M.), **279**, L61

Unified theories of active galactic nuclei: a hard X-ray sample of Seyfert 2 galaxies (Smith D.A., Done C.), **280**, 355

Magnetic braking of T Tauri stars (Armitage P.J., Clarke C.J.), **280**, 458

Planetary commensurabilities driven by accretion and dynamical friction (Melita M.D., Woolfson M.M.), **280**, 854

The X-ray spectrum of the intermediate polar AO Piscium (Hellier C., Mukai K., Ishida M., Fujimoto R.), **280**, 877

Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses (Tutukov A., Yungelson L.), **280**, 1035

Accretion mode changes in QS Tel (RE 1938–461): *EUVE*, *ROSAT* and optical observations (Rosen S.R., Mittaz J.P.D., Buckley D.A., Layden A.C., Clayton K.L., McCain C., Wynn G.A., Sirk M.M., Osborne J.P., Watson M.G.), **280**, 1121

Fragmentation in a centrally condensed protostar (Burkert A., Bodenheimer P.), **280**, 1190

Wind accretion in binary stars – II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264

Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9–6951 from *MACHO* project photometry (Alcock C. et al.), **280**, L49

On the global stability of magnetized accretion discs – III. Non-axisymmetric modes (Curry C., Pudritz R.E.), **281**, 119

The optical spectra of old novae (Ringwald F.A., Naylor T., Mukai K.), **281**, 192

Can a disc dynamo generate large-scale magnetic fields? (Tout C.A., Pringle J.E.), **281**, 219

Unstable standing shock waves in general relativistic accretion flows (Nakayama K.), **281**, 226

Self-induced warping of accretion discs (Pringle J.E.), **281**, 357

The continuum radiation from accretion discs and the boundary layer (Idan I., Shaviv G.), **281**, 604

Winds from accretion discs (Idan I., Shaviv G.), **281**, 615

Slingshot prominences during dwarf nova outbursts? (Steehls D., Horne K., Marsh T.R., Donati J.F.), **281**, 626

The spectra of accretion discs in low-mass X-ray binaries (Ross R.R., Fabian A.C.), **281**, 637

The EUV transient RE J1255 + 266 (Watson M.G., Marsh T.R., Fender R.P., Barstow M.A., Still M., Page M., Dhillon V.S., Beardmore A.P.), **281**, 1016

Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg (Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A.), **281**, 1094

Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183

Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), **281**, 1352

The dependence of the viscosity in accretion discs on the shear/vorticity ratio (Abramowicz M., Brandenburg A., Lasota J.-P.), **281**, L21

The optical counterpart of the supersoft Small Magellanic Cloud

- transient pulsar RX J0059.2-7138 (Southwell K.A., Charles P.A.), **281**, L63
- Multicolour eclipse studies of UU Aquarii - II. The accretion disc (Baptista R., Steiner J.E., Horne K.), **282**, 99
- A paradigm revisited: the accretion disc in AGNs and quasars (Gondhalekar P.M., Rouillon-Foley C., Kellett B.J.), **282**, 117
- A search for rapid variability in T Tauri stars (Smith K.W., Jones D.H.P., Clarke C.J.), **282**, 167
- A coordinated campaign on the intermediate polar AE Aqr - I. The system parameters (Casares J., Mouchet M., Martínez-Pais I.G., Harlaftis E.T.), **282**, 182
- Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191
- The realignment of a black hole misaligned with its accretion disc (Scheuer P.A.G., Feiler R.), **282**, 291
- The tidally induced warping, precession and truncation of accretion discs in binary systems: three-dimensional simulations (Larwood J.D., Nelson R.P., Papaloizou J.C.B., Terquem C.), **282**, 597
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- Optical polarization and X-ray data on the AM Her star RE J1844-74 (Ramsay G., Cropper M., Wu K., Potter S.), **282**, 726
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873
- An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), **282**, 943
- Polarization from magnetized accretion discs in active galactic nuclei (Agol E., Blaes O.), **282**, 965
- Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977
- Viscous damping in self-gravitating accretion discs (Drimmel R.), **282**, 982
- The variable iron K emission line in MCG-6-30-15 (Iwasawa K., Fabian A.C., Reynolds C.S., Nandra K., Otani C., Inoue H., Hayashida K., Brandt W.N., Dotani T., Kunieda H., Matsuoka M., Tanaka Y.), **282**, 1038
- Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), **282**, 1107
- An atlas of optical continuum and line emission from low-mass X-ray binaries (Shahbaz T., Smale A.P., Naylor T., Charles P.A., van Paradijs J., Hassall B.J.M., Callanan P.), **282**, 1437
- An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009-45) (Shahbaz T., van der Hooft F., Charles P.A., Casares J., van Paradijs J.), **282**, L47
- Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53
- Z Cam in outburst during the *ROSAT* All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeiffermann E.), **283**, 101
- Global solutions of viscous transonic flows in Kerr geometry - I. Weak viscosity limit (Chakrabarti S.K.), **283**, 325
- Strange-mode instabilities in accretion discs (Glatzel W., Mehren S.), **283**, 339
- On black hole evolution in active galactic nuclei (Moderski R., Sikora M.), **283**, 854
- Dynamical Comptonization in spherical flows: black hole accretion and stellar winds (Turolla R., Zane S., Zampieri L., Nobili L.), **283**, 881
- Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations (Millsom J.A., Taam R.E.), **283**, 919
- Hydrodynamic accretion on to a rapidly rotating Kerr black hole (Pariev V.I.), **283**, 1264
- Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58
- The 'quiescent' black hole in M87 (Reynolds C.S., Di Matteo T., Fabian A.C., Hwang U., Canizares C.R.), **283**, L111
- EUVE J1429-38.0: an eclipsing polar (Stobie R.S., Okeke P.N., Buckley D.A.H., O'Donoghue D.), **283**, L127
- Atomic data**
- Theoretical He I line intensities in low-density plasmas (Smits D.P.), **278**, 683
- Fe XII emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph (SERTS)* (Keenan F.P., Thomas R.J., Neupert W.M., Foster V.J., Brown P.J.F., Tayal S.S.), **278**, 773
- gf-values for singly ionized lanthanum based on a new calibration of NBS Monograph 145 intensities (Bord D.J., Barisciano L.P., Jr, Cowley C.R.), **278**, 997
- Interpolations of Rosseland-mean opacities for variable X and Z (Seaton M.J.), **279**, 95
- Continuous opacity from Ne⁻ (John T.L.), **279**, 859
- The Bowen fluorescence lines: overview and re-analysis of the observations (Kastner S.O., Bhatia A.K.), **279**, 1137
- Forbidden transitions in B II, C III, O V, Ne VII and Mg IX (Fleming J., Bell K.L., Hibbert A., Vaeck N., Godefroid M.R.), **279**, 1289
- A simple method of accounting for correlation effects in electron transitions and its application in finding oscillator strengths and the solar abundance of zirconium (Bogdanovich P., Tautvaisienė G., Rudzikas Z., Momkauskaitė A.), **280**, 95
- Auroral and nebular emission lines of [S II] in the optical spectra of planetary nebulae (Keenan F.P., Aller L.H., Bell K.L., Hyung S., McKenna F.C., Ramsbottom C.A.), **281**, 1073
- Atomic processes**
- Theoretical He I line intensities in low-density plasmas (Smits D.P.), **278**, 683
- Physical conditions in the transition regions around the Ring Nebula and NGC 7027 (Liu X.-W., Barlow M.J.), **279**, 511
- Continuous opacity from Ne⁻ (John T.L.), **279**, 859
- A simple method of accounting for correlation effects in electron transitions and its application in finding oscillator strengths and the solar abundance of zirconium (Bogdanovich P., Tautvaisienė G., Rudzikas Z., Momkauskaitė A.), **280**, 95
- Production and loss of the water-related species H₃O⁺, H₂O and OH in dense interstellar clouds (Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M.), **282**, 413
- Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), **283**, 821
- Black hole physics**
- Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshchev I.V., Xingming Chen, Abramowicz M.A.), **278**, 236
- Runaway instability and gamma-ray bursts (Nishida S., Lanza A., Eriguchi Y., Abramowicz M.A.), **278**, L41
- Phase lags and coherence of X-ray variability in black hole candidates (Nowak M.A., Vaughan B.A.), **280**, 227
- Constraints on massive black holes as dark matter candidates using Galactic globular clusters (Klessen R., Burkert A.), **280**, 735
- Unstable standing shock waves in general relativistic accretion flows (Nakayama K.), **281**, 226
- On the notions of gravitational and centrifugal force in static spherically symmetric space-times (Sonego S., Massar M.), **281**, 659
- Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183
- The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1
- The dependence of the viscosity in accretion discs on the shear/vorticity ratio (Abramowicz M., Brandenburg A., Lasota J.-P.), **281**, L21
- Solar neutrinos and dark matter: cosmions, CHAMPS or ... DAEMONS? (Drobyshevski E.M.), **282**, 211
- Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977
- Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53
- Global solutions of viscous transonic flows in Kerr geometry - I. Weak viscosity limit (Chakrabarti S.K.), **283**, 325
- Gamma-ray bursts from the final stage of primordial black hole evaporation (Belyanin A.A., Kocharovskiy V.V., Kocharovskiy V.I.V.), **283**, 626
- On black hole evolution in active galactic nuclei (Moderski R., Sikora M.), **283**, 854
- Dynamical Comptonization in spherical flows: black hole accretion and stellar winds (Turolla R., Zane S., Zampieri L., Nobili L.), **283**, 881
- Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations (Millsom J.A., Taam R.E.), **283**, 919

Hydrodynamic accretion on to a rapidly rotating Kerr black hole (Pariev V.I.), **283**, 1264

Chaos

The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra (Levshakov S.A., Takahara F.), **279**, 651

Convection

Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshchev I.V., Xingming Chen, Abramowicz M.A.), **278**, 236

Evolution of DB white dwarfs in the Canuto & Mazzitelli theory of convection (Althaus L.G., Benvenuto O.G.), **278**, 981

A theory of non-local mixing-length convection – III. Comparing theory and numerical experiment (Grossman S.A.), **279**, 305

Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153

Double-diffusive mixing-length theory, semiconvection and massive star evolution (Grossman S.A., Taam R.E.), **283**, 1165

Cosmic strings

Formation of high-redshift objects in a cosmic string theory with hot dark matter (Moessner R., Brandenberger R.), **280**, 797

A statistic for identifying cosmic string wakes and other sheet-like structures (Robinson J., Albrecht A.), **283**, 733

Diffusion

On the injection of electrons in oblique shocks (Levinson A.), **278**, 1018

Constraints on cosmic ray propagation from radio continuum data of NGC 2146 (Lisenfeld U., Alexander P., Pooley G.G., Wilding T.), **281**, 301

Elementary particles

Solar neutrinos and dark matter: cosmions, CHAMPs or...DAEMONS? (Drobyshevski E.M.), **282**, 211

The matter content of the jet in M87: evidence for an electron-positron jet (Reynolds C.S., Fabian A.C., Celotti A., Rees M.J.), **283**, 873

Equation of state

An upwind numerical scheme for relativistic hydrodynamics with a general equation of state (Falle S.A.E.G., Komissarov S.S.), **278**, 586

Equation of state in the solar convection zone and the implications of helioseismology (Elliott J.R.), **280**, 1244

Gravitation

Possible determination of isolated pulsar masses with gravitational microlensing (Horvath J.E.), **278**, L46

Relativistic perihelion advance as a centrifugal effect (Sonego S., Lanza A.), **279**, L65

Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67

A nested-grid particle-mesh code for high-resolution simulations of gravitational instability in cosmology (Splinter R.J.), **281**, 281

On the notions of gravitational and centrifugal force in static spherically symmetric space-times (Sonego S., Massar M.), **281**, 659

Newtonian cosmology revisited (Tipler F.J.), **282**, 206

Ergoregion instability revisited – a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580

A revival of Newton's theory of gravitation (Wild J.P.), **282**, 763

Post-Newtonian cosmological dynamics in Lagrangian coordinates (Matarrese S., Terranova D.), **283**, 400

Gravity waves, gamma-ray bursts and the Hubble constant (Biesiada M.), **283**, 977

Hydrodynamics

Local stability criterion for stars and gas in a galactic disc (Jog C.J.), **278**, 209

Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshchev I.V., Xingming Chen, Abramowicz M.A.), **278**, 236

The two-stage origin of bright rings in extended radio lobes (Morrison P., Sadun A.), **278**, 265

A stellar and gas dynamical numerical model of ring galaxies (Gerber R.A., Lamb S.A., Balsara D.S.), **278**, 345

An upwind numerical scheme for relativistic hydrodynamics with a general equation of state (Falle S.A.E.G., Komissarov S.S.), **278**, 586

The fragmentation of uniformly rotating self-gravitating discs (Fuchs B.), **278**, 985

GRAPESPH: cosmological smoothed particle hydrodynamics simulations with the special-purpose hardware GRAPE (Steinmetz M.), **278**, 1005

The non-axisymmetric instability of a cylindrical shear flow containing an azimuthal magnetic field (Ogilvie G.I., Pringle J.E.), **279**, 152

A theory of non-local mixing-length convection – III. Comparing theory and numerical experiment (Grossman S.A.), **279**, 305

SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), **279**, 402

The deceleration of relativistic jets by entrainment (Bowman M., Leahy J.P., Komissarov S.S.), **279**, 899

Breaking the sound barrier in recombination fronts (Williams R.J.R., Dyson J.E.), **279**, 987

A distribution function calculation of the H α profiles of high-velocity shocks – II. The broad component neutral precursor (Lim A.J., Raga A.C.), **280**, 103

A distribution function calculation of the H α profiles of high-velocity shocks – III. Profiles from varying angles of observation (Lim A.J.), **280**, 115

A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319

Non-linear radial pulsation models for extreme helium stars: application to V652 Her (BD + 13°3224) (Fadeyev Yu.A., Lynas-Gray A.E.), **280**, 427

Clumpy ultracompact H II regions – II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661

Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars (Williams R.J.R., Dyson J.E., Redman M.P.), **280**, 667

Fragmentation in a centrally condensed protostar (Burkert A., Bodenheimer P.), **280**, 1190

'Understanding' cosmological bulk viscosity (Zimdahl W.), **280**, 1239

Wind accretion in binary stars – II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264

Hydrodynamic motions and neutrino emissivity of neutron stars (Urpín V.A., Shalybkov D.A.), **281**, 145

Unstable standing shock waves in general relativistic accretion flows (Nakayama K.), **281**, 226

Multiple fragmentation models of centrally condensed molecular cloud cores (Sigalotti L. Di G., Klapp J.), **281**, 449

Non-axisymmetric, scale-free, razor-thin discs (Syer D., Tremaine S.), **281**, 925

Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183

Maclaurin discs and bifurcations to rings (Kley W.), **282**, 234

Viscous damping in self-gravitating accretion discs (Drimmel R.), **282**, 982

A self-colliding stellar wind model for SN 1979C (Schwarz D.H., Pringle J.E.), **282**, 1018

Precessing jets and molecular outflows: a 3D numerical study (Cliffe J.A., Frank A., Jones T.W.), **282**, 1114

SiO masers in Mira variables at a single stellar phase (Humphreys E.M.L., Gray M.D., Yates J.A., Field D., Bowen G., Diamond P.J.), **282**, 1359

Global solutions of viscous transonic flows in Kerr geometry – I. Weak viscosity limit (Chakrabarti S.K.), **283**, 325

Post-Newtonian cosmological dynamics in Lagrangian coordinates (Matarrese S., Terranova D.), **283**, 400

On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419

Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations (Millsom J.A., Taam R.E.), **283**, 919

Double-diffusive mixing-length theory, semiconvection and massive star evolution (Grossman S.A., Taam R.E.), **283**, 1165

Hydrodynamic accretion on to a rapidly rotating Kerr black hole (Pariev V.I.), **283**, 1264

Instabilities

- Local stability criterion for stars and gas in a galactic disc (Jog C.J.), **278**, 209
- Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshchev I.V., Xingming Chen, Abramowicz M.A.), **278**, 236
- Cooperation of orbital streams in disc galaxies (Earn D.J.D., Lynden-Bell D.), **278**, 395
- The fragmentation of uniformly rotating self-gravitating discs (Fuchs B.), **278**, 985
- Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts (Clarke C.J., Syer D.), **278**, L23
- Runaway instability and gamma-ray bursts (Nishida S., Lanza A., Eriguchi Y., Abramowicz M.A.), **278**, L41
- The non-axisymmetric instability of a cylindrical shear flow containing an azimuthal magnetic field (Ogilvie G.I., Pringle J.E.), **279**, 152
- SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), **279**, 402
- Sonic-point instability with a new revised viscosity and isothermal accretion disc (Yang L., Yang P., Wu S., Wu X.), **279**, 669
- On the stability of an accretion disc containing a toroidal magnetic field (Terquem C., Papaloizou J.C.B.), **279**, 767
- On hydrodynamic stability of weakly magnetized stellar radiative zones (Urpín V.A.), **280**, 149
- A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319
- Stability of spherical stellar systems – I. Analytical results (Perez J., Aly J.-J.), **280**, 689
- Stability of spherical stellar systems – II. Numerical results (Perez J., Alimi J.-M., Aly J.-J., Scholl H.), **280**, 700
- Stability of a relativistic rotating electron-positron jet: non-axisymmetric perturbations (Istomin Ya.N., Pariev V.I.), **281**, 1
- On the global stability of magnetized accretion discs – III. Non-axisymmetric modes (Curry C., Pudritz R.E.), **281**, 119
- Unstable standing shock waves in general relativistic accretion flows (Nakayama K.), **281**, 226
- The stability, during formation, of magnetohydrodynamic jets collimated by an azimuthal magnetic field (Lucek S.G., Bell A.R.), **281**, 245
- The stability of Wolf-Rayet stars (Kiriakidis M., Glatzel W., Fricke K.J.), **281**, 406
- Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183
- Ergoregion instability revisited – a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- Viscous damping in self-gravitating accretion discs (Drimmel R.), **282**, 982
- Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), **282**, 1107
- Potential-density basis sets in axisymmetric coordinates (Robijn F.H.A., Earn D.J.D.), **282**, 1129
- Non-radial pulsations and stability of massive stars (Glatzel W., Mehren S.), **282**, 1470
- Strange-mode instabilities in accretion discs (Glatzel W., Mehren S.), **283**, 339
- Post-Newtonian cosmological dynamics in Lagrangian coordinates (Matarrese S., Terranova D.), **283**, 400
- On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różycka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419
- Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations (Milsom J.A., Taam R.E.), **283**, 919
- Double-diffusive mixing-length theory, semiconvection and massive star evolution (Grossman S.A., Taam R.E.), **283**, 1165

Line: formation

- Uncertainties in the interpretation of the Lyman alpha forest lines (Levshakov S.A., Kegel W.H.), **278**, 497
- Theoretical He I line intensities in low-density plasmas (Smits D.P.), **278**, 683
- gf*-values for singly ionized lanthanum based on a new calibration of NBS Monograph 145 intensities (Bord D.J., Barisciano L.P., Jr, Cowley C.R.), **278**, 997
- On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165

The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra (Levshakov S.A., Takahara F.), **279**, 651

The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823

The appearance of broad H α in BL Lacertae (Corbett E.A., Robinson A., Axon D.J., Hough J.H., Jeffries R.D., Thurston M.R., Young S.), **281**, 737

Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), **281**, 1352

A reflection-dominated X-ray spectrum discovered by ASCA in the Circinus galaxy (Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M.), **281**, L69

Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53

The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396 (Mason K.O., Puchnarewicz E.M., Jones L.R.), **283**, L26

Carbon monoxide in supernova 1995ad (Spyromilio J., Leibundgut B.), **283**, L89

Line: identification

- A spectrophotometric study of the Seyfert 1 galaxy NGC 4253 (González Delgado R.M., Pérez E.), **278**, 737
- An expansion parallax for PW Vul (Nova 1984) (Ringwald F.A., Naylor T.), **278**, 808
- The Bowen fluorescence lines: overview and re-analysis of the observations (Kastner S.O., Bhatia A.K.), **279**, 1137
- A reflection-dominated X-ray spectrum discovered by ASCA in the Circinus galaxy (Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M.), **281**, L69
- The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119

Line: profiles

- Early spectra of the supernova 1987F (Wegner G., Swanson S.R.), **278**, 22
- Contribution functions and the depths of formation of spectral lines in Cepheids (Albrow M.D., Cottrell P.L.), **278**, 337
- Uncertainties in the interpretation of the Lyman alpha forest lines (Levshakov S.A., Kegel W.H.), **278**, 497
- Time-resolved high-resolution spectroscopy of CH Cygni: evidence for a magnetic propeller state in 1994 (Tomov T., Kolev D., Munari U., Antov A.), **278**, 542
- Mode identification of the slowly pulsating F0V star V398 Aurigae (9 Aur) (Aerts C., Krisciunas K.), **278**, 877
- X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082
- Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111
- Higher Paschen lines in the spectra of early-type stars (Frémat Y., Houziaux L., Andriant Y.), **279**, 25
- On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165
- The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra (Levshakov S.A., Takahara F.), **279**, 651
- The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823
- Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
- Ultra-high-resolution measurements of the intrinsic line profiles of interstellar C₂ towards ζ Ophiuchi and HD 169454 (Crawford I.A., Barlow M.J.), **280**, 863
- A global model of protostellar bipolar outflow – II (Fiege J.D., Henriksen R.N.), **281**, 1055
- Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992–94 active phase (Skopal A. et al.), **282**, 327
- The emission-line spectrum of the hot R Coronae Borealis star MV Sgr (Pandey G., Kameswara Rao N., Lambert D.L.), **282**, 889
- Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909

- An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), **282**, 943
- The variable iron K emission line in MCG-6-30-15 (Iwasawa K., Fabian A.C., Reynolds C.S., Nandra K., Otani C., Inoue H., Hayashida K., Brandt W.N., Dotani T., Kunieda H., Matsuoka M., Tanaka Y.), **282**, 1038
- New parametrizations of non-Gaussian line-of-sight velocity distributions (Zhao H., Prada F.), **282**, 1223
- A possible isotope shift in the spectrum of a diffuse interstellar band (Webster A.), **282**, 1372
- The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119
- Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381
- A search for counter-rotating stars in S0 galaxies (Kuijken K., Fisher D., Merrifield M.R.), **283**, 543
- Rotation of Algal binaries – a line profile model applied to observations (Mukherjee J., Peters G.J., Wilson R.E.), **283**, 613
- A month in the life of NGC 4151: velocity-delay maps of the broad-line region (Ulrich M.-H., Horne K.), **283**, 748
- Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), **283**, 821
- Double-peaked Balmer line emission in the radio-quiet AGN RX J1042 + 1212 (Puchnarewicz E.M., Mason K.O., Carrera F.J.), **283**, 1311
- Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58
- The expansion of the outer circumstellar shell of P Cygni (Meaburn J., López J.A., Barlow M.J., Drew J.E.), **283**, L69
- Molecular rotational contour fitting of ultra-high-resolution profiles of diffuse interstellar bands (Kerr T.H., Hibbins R.E., Miles J.R., Fossey S.J., Somerville W.B., Sarre P.J.), **283**, L105
- Magnetic fields**
- Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229
- Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389
- On the stability of an accretion disc containing a toroidal magnetic field (Terquem C., Papaloizou J.C.B.), **279**, 767
- Radio observations of PSR B1259-63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), **279**, 1026
- Magnetic reconnection and star formation in molecular clouds (Lubow S.H., Pringle J.E.), **279**, 1251
- A comment on the stability of magnetic wind-driving accretion discs (Königl A., Wardle M.), **279**, L61
- Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67
- The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), **280**, 438
- On the cyclo-synchrotron cross-section (Gliozzi M., Bodo G., Ghisellini G., Trussoni E.), **280**, 1094
- OH Zeeman measurements of the magnetic fields in four megamaser galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143
- Can a disc dynamo generate large-scale magnetic fields? (Tout C.A., Pringle J.E.), **281**, 219
- The stability, during formation, of magnetohydrodynamic jets collimated by an azimuthal magnetic field (Lucek S.G., Bell A.R.), **281**, 245
- Self-gravitating disc-like magnetic gas clouds (Barker D.M., Mestel L.), **282**, 317
- Neutron star magnetic field dynamics and its evolution (Kebede L.W.), **282**, 845
- Ohmic decay of magnetic flux expelled from neutron star interiors (Bhattacharya D., Datta B.), **282**, 1059
- On the origin of the magnetic fields associated with radio haloes in galaxy clusters (Okoye S.E., Onuora L.I.), **283**, 1047
- Magnetic and spin evolution of pulsars (Miri M.J.), **283**, 1214
- Physical constraints on the sizes of dense clouds in the central magnetospheres of active galactic nuclei (Kuncic Z., Blackman E.G., Rees M.J.), **283**, 1322

MHD

- Superpenumbral vortices (Peter H.), **278**, 821

- Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129
- The non-axisymmetric instability of a cylindrical shear flow containing an azimuthal magnetic field (Ogilvie G.I., Pringle J.E.), **279**, 152
- Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229
- On the stability of an accretion disc containing a toroidal magnetic field (Terquem C., Papaloizou J.C.B.), **279**, 767
- Energy transport in a rotation-modulated pulsar wind (Melatos A., Melrose D.B.), **279**, 1168
- Magnetic reconnection and star formation in molecular clouds (Lubow S.H., Pringle J.E.), **279**, 1251
- Synthesis of interstellar CH⁺ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41
- A comment on the stability of magnetic wind-driving accretion discs (Königl A., Wardle M.), **279**, L61
- Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67
- Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39
- On hydrodynamic stability of weakly magnetized stellar radiative zones (Urpin V.A.), **280**, 149
- The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), **280**, 438
- The structure of MHD shocks in molecular outflows: grain sputtering and SiO formation (Flower D.R., Pineau des Forêts G., Field D., May P.W.), **280**, 447
- Non-LTE excitation of H₂ in magnetized molecular shocks (O'Brien I., Drury L.O'C.), **280**, 550
- Stability of a relativistic rotating electron-positron jet: non-axisymmetric perturbations (Istomin Ya.N., Pariev V.I.), **281**, 1
- On the global stability of magnetized accretion discs – III. Non-axisymmetric modes (Curry C., Pudritz R.E.), **281**, 119
- The stability, during formation, of magnetohydrodynamic jets collimated by an azimuthal magnetic field (Lucek S.G., Bell A.R.), **281**, 245
- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761
- A global model of protostellar bipolar outflow – I (Fiege J.D., Henriksen R.N.), **281**, 1038
- Gamma-ray bursts from the final stage of primordial black hole evaporation (Belyanin A.A., Kocharovskiy V.V., Kocharovskiy V.I.V.), **283**, 626
- On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811
- Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153
- Masers**
- Submillimetre water masers in circumstellar envelopes – II. Variability (Yates J.A., Cohen R.J.), **278**, 655
- A new survey for 6.6-GHz methanol masers (Caswell J.L.), **279**, 79
- Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101
- A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $0^\circ53$ (Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), **280**, 378
- Variable hydroxyl and methanol masers in G 351.78–0.54 (MacLeod G.C., Gaylard M.J.), **280**, 868
- OH Zeeman measurements of the magnetic fields in four megamaser galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143
- Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), **282**, 665
- A search for 5₁–6₀ A⁺-methanol masers towards faint IRAS sources (van der Walt D.J., Retief S.J.P., Gaylard M.J., MacLeod G.C.), **282**, 1085
- SiO masers in Mira variables at a single stellar phase (Humphreys E.M.L., Gray M.D., Yates J.A., Field D., Bowen G., Diamond P.J.), **282**, 1359

A Galactic Centre survey for 6.6-GHz methanol masers (Caswell J.L.), **283**, 606

The Green function for solar microwaves in extraordinary mode (Pekünlü E.R.), **283**, 969

VLBI observations of OH masers with the S-2 recording system (Slysh V.I., Migennes V., Kanevsky B.Z., Molotov I.E., Samodurov V.A., Reynolds J.E., Wilson W.E., Jauncey D.L., McCulloch P.M., Feil G., Cannon W.), **283**, L9

Molecular data

A reanalysis of interstellar OH absorption observations (Roueff E.), **279**, L37

Radio observations in NH_3 and C_2S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587

The search for methylisocyanacetylene in TMC-1 (Scappini F., Codella C., Guarnieri A.), **283**, L7

Molecular processes

SiO in dense molecular clouds reconsidered (MacKay D.D.S.), **278**, 62

The chemistry of core collapse in TMC1 (Howe D.A., Taylor S.D., Williams D.A.), **279**, 143

The formation of H_2 by H-atom reaction with grain surfaces (Duley W.W.), **279**, 591

Synthesis of interstellar CH^+ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41

Surface features on interstellar ice (McCoustra M., Williams D.A.), **279**, L53

Non-LTE excitation of H_2 in magnetized molecular shocks (O'Brien I., Drury L.O'C.), **280**, 550

The chemistry of deuterium in hot molecular cores (Rodgers S.D., Millar T.J.), **280**, 1046

Novel pathways to CN^- within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry (Petrie S.), **281**, 137

Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry? (Petrie S.), **281**, 666

Production and loss of the water-related species H_3O^+ , H_2O and OH in dense interstellar clouds (Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M.), **282**, 413

On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), **282**, 807

Molecular emission ahead of Herbig-Haro bow shocks (Taylor S.D., Williams D.A.), **282**, 1343

A possible isotope shift in the spectrum of a diffuse interstellar band (Webster A.), **282**, 1372

Chemistry in anisotropic asymptotic giant branch winds (Howe D.A., Millar T.J.), **282**, L21

Thermal effects in carbonaceous dust (Duley W.W.), **283**, 343

Nuclear reactions, nucleosynthesis, abundances

Solar neutrinos and dark matter: cosmions, CHAMPs or...DAEMONS? (Drobyshevski E.M.), **282**, 211

Plasmas

Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67

Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors (McClements K.G., Dendy R.O., Drury L.O'C., Duffy P.), **280**, 219

Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), **280**, 781

Equation of state in the solar convection zone and the implications of helioseismology (Elliott J.R.), **280**, 1244

Problems with the superluminal pulsar model (Hewish A.), **280**, L27

On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811

The matter content of the jet in M87: evidence for an electron-positron jet (Reynolds C.S., Fabian A.C., Celotti A., Rees M.J.), **283**, 873

Physical constraints on the sizes of dense clouds in the central magnetospheres of active galactic nuclei (Kuncic Z., Blackman E.G., Rees M.J.), **283**, 1322

Polarization

Near-infrared and millimetre polarimetry of Cen A (Packham C.,

Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406

Polarimetry of young stellar objects – I. Linear polarization of GSS 30 (Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449

Further evidence for vertical magnetic fields in the galaxy NGC 891 (Scarrott S.M., Draper P.W.), **278**, 519

The polarimetric variability of 32 Cyg during its 1993 October eclipse (Fox G.K., Griscom L.), **278**, 975

Polarization during binary microlensing (Agol E.), **279**, 571

Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), **279**, 1191

Imaging polarimetry of the luminous merger galaxy NGC 3256 (Scarrott S.M., Draper P.W., Stockdale D.P.), **279**, 1325

Scattered broad optical lines in the polarized flux spectrum of the FR II galaxy 3C 321 (Young S., Hough J.H., Efstathiou A., Wills B.J., Axon D.J., Bailey J.A., Ward M.J.), **279**, L72

The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252

Optical and near-infrared spectropolarimetry of the infrared-luminous galaxy IRAS 23060 + 0505 (Young S., Hough J.H., Axon D.J., Ward M.J., Bailey J.A.), **280**, 291

Optical spectroscopy and polarization of a new sample of optically bright flat radio spectrum sources (Marchã M.J.M., Browne I.W.A., Impey C.D., Smith P.S.), **281**, 425

Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickson R.C., Shaw M.A.), **281**, 591

The appearance of broad H α in BL Lacertae (Corbett E.A., Robinson A., Axon D.J., Hough J.H., Jeffries R.D., Thurston M.R., Young S.), **281**, 737

Polarimetry and modelling of narrow-line active galaxies (Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J.), **281**, 1206

BVRI imaging polarimetric studies of the galaxy NGC 5128 (Scarrott S.M., Foley N.B., Gledhill T.M., Wolstencroft R.D.), **282**, 252

Simulations of the Raman-scattered O VI emission lines in symbiotic stars (Schmid H.M.), **282**, 511

The internight variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788

The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873

Polarization from magnetized accretion discs in active galactic nuclei (Agol E., Blaes O.), **282**, 965

The ultraviolet polarization of the Crab pulsar (Graham-Smith F., Dolan J.F., Boyd P.T., Biggs J.D., Lyne A.G., Percival J.W.), **282**, 1354

Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418

The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm (Gabuzda D.C., Cawthorne T.V.), **283**, 759

Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892

Extended multifrequency observations of radio emission from the RS CVn binary HR 1099 (Jones K.L., Brown A., Stewart R.T., Slee O.B.), **283**, 1331

10- μm imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379

The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1

Radiation mechanisms: nonthermal

On the mechanisms of gamma radiation in the Crab Nebula (Atayan A.M., Aharonian F.A.), **278**, 525

On the injection of electrons in oblique shocks (Levinson A.), **278**, 1018

On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67

Phase lags and coherence of X-ray variability in black hole candidates (Nowak M.A., Vaughan B.A.), **280**, 227

Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), **280**, 781

On the cyclo-synchrotron cross-section (Gliozzi M., Bodo G., Ghisellini G., Trussoni E.), **280**, 1094

- Space-time modes of relativistic stars (Andersson N., Kokkotas K.D., Schutz B.F.), **280**, 1230
- Problems with the superluminal pulsar model (Hewish A.), **280**, L27
- Ergoregion instability revisited — a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580
- Dynamical Comptonization in spherical flows: black hole accretion and stellar winds (Turolla R., Zane S., Zampieri L., Nobili L.), **283**, 881
- The Green function for solar microwaves in extraordinary mode (Pekünlü E.R.), **283**, 969
- On the origin of the magnetic fields associated with radio haloes in galaxy clusters (Okoye S.E., Onuora L.I.), **283**, 1047
- The spectral flattening of the low-energy component in gamma-ray bursts (Cheng K.S., Wei D.M.), **283**, L133
- Radiative transfer**
- Radiative transfer in the comoving frame (Baron E., Hauschildt P.H., Mezzacappa A.), **278**, 763
- X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082
- Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111
- A resolved image of the Sunyaev-Zel'dovich effect in Abell 1413 (Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A.), **278**, L17
- Interpolations of Rosseland-mean opacities for variable X and Z (Seaton M.J.), **279**, 95
- Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884
- The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823
- The probable mass of the companion in Cygnus X-3 (Mitra A.), **280**, 953
- Non-LTE model chromospheres of ζ Aurigae stars (Marshall K.P.), **280**, 977
- 'Understanding' cosmological bulk viscosity (Zimdahl W.), **280**, 1239
- The stability of Wolf-Rayet stars (Kiriakidis M., Glatzel W., Fricke K.J.), **281**, 406
- The spectra of accretion discs in low-mass X-ray binaries (Ross R.R., Fabian A.C.), **281**, 637
- Models of highly extended dust shells around R Coronae Borealis (Nagendra K.N., Leung C.M.), **281**, 1139
- Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183
- Simulations of the Raman-scattered O VI emission lines in symbiotic stars (Schmid H.M.), **282**, 511
- Radiative transfer models of dusty galaxian discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005
- The UV O I triplet and H Lyman β pumping in the ζ Aurigae star HR 6902 (Marshall K.P.), **283**, 77
- Radiative transfer in clumpy molecular clouds: a first basic model for the C I–C II transition in a photodissociation region (Hegmann M., Kegel W.H.), **283**, 167
- Non-local thermodynamic equilibrium effects in modelling of supernovae near maximum light (Baron E., Hauschildt P.H., Nugent P., Branch D.), **283**, 297
- Dynamical Comptonization in spherical flows: black hole accretion and stellar winds (Turolla R., Zane S., Zampieri L., Nobili L.), **283**, 881
- Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892
- Relativity**
- An upwind numerical scheme for relativistic hydrodynamics with a general equation of state (Falle S.A.E.G., Komissarov S.S.), **278**, 586
- Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129
- The deceleration of relativistic jets by entrainment (Bowman M., Leahy J.P., Komissarov S.S.), **279**, 899
- Relativistic perihelion advance as a centrifugal effect (Sonogō S., Lanza A.), **279**, L65
- New sources for Kerr and other metrics: rotating relativistic discs with pressure support (Pichon C., Lynden-Bell D.), **280**, 1007
- Space-time modes of relativistic stars (Andersson N., Kokkotas K.D., Schutz B.F.), **280**, 1230
- 'Understanding' cosmological bulk viscosity (Zimdahl W.), **280**, 1239
- On the notions of gravitational and centrifugal force in static spherically symmetric space-times (Sonogō S., Massar M.), **281**, 659
- Newtonian cosmology revisited (Tipler F.J.), **282**, 206
- Ergoregion instability revisited — a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580
- A revival of Newton's theory of gravitation (Wild J.P.), **282**, 763
- Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53
- Scattering**
- X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082
- Spectropolarimetry of 3C 265, a misaligned radio galaxy (di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fourmon I.), **279**, L57
- Scattered broad optical lines in the polarized flux spectrum of the FR II galaxy 3C 321 (Young S., Hough J.H., Efstathiou A., Wills B.J., Axon D.J., Bailey J.A., Ward M.J.), **279**, L72
- Polarimetry and modelling of narrow-line active galaxies (Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J.), **281**, 1206
- Simulations of the Raman-scattered O VI emission lines in symbiotic stars (Schmid H.M.), **282**, 511
- Radiative transfer models of dusty galaxian discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005
- Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418
- Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892
- Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lucek S.G.), **283**, 1083
- The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1
- VLBI observations of OH masers with the S-2 recording system (Slysh V.I., Migenes V., Kanevsky B.Z., Molotov I.E., Samodurov V.A., Reynolds J.E., Wilson W.E., Jauncey D.L., McCulloch P.M., Feil G., Cannon W.), **283**, L9
- Shock waves**
- On the injection of electrons in oblique shocks (Levinson A.), **278**, 1018
- A distribution function calculation of the H α profiles of high-velocity shocks — II. The broad component neutral precursor (Lim A.J., Raga A.C.), **280**, 103
- A distribution function calculation of the H α profiles of high-velocity shocks — III. Profiles from varying angles of observation (Lim A.J.), **280**, 115
- Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors (McClements K.G., Dendy R.O., Drury L.O'C., Duffy P.), **280**, 219
- The structure of MHD shocks in molecular outflows: grain sputtering and SiO formation (Flower D.R., Pineau des Forêts G., Field D., May P.W.), **280**, 447
- Non-LTE excitation of H $_2$ in magnetized molecular shocks (O'Brien I., Drury L.O'C.), **280**, 550
- Clumpy ultracompact H II regions — II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661
- Unstable standing shock waves in general relativistic accretion flows (Nakayama K.), **281**, 226
- Global solutions of viscous transonic flows in Kerr geometry — I. Weak viscosity limit (Chakrabarti S.K.), **283**, 325
- On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419
- The acceleration time-scale for first-order Fermi acceleration in relativistic shock waves (Bednarz J., Ostrowski M.), **283**, 447
- The creation of large-scale voids by explosions of primordial supernovae (Miranda O.D., Opher R.), **283**, 912
- Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lucek S.G.), **283**, 1083
- Turbulence**
- Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229

A theory of non-local mixing-length convection—III. Comparing theory and numerical experiment (Grossman S.A.), 279, 305
The dependence of the viscosity in accretion discs on the shear/vorticity ratio (Abramowicz M., Brandenburg A., Lasota J.-P.), 281, L21

Waves

An asymptotic description of solar acoustic oscillation of low and intermediate degree (Roxburgh I.W., Vorontsov S.V.), 278, 940
On the notions of gravitational and centrifugal force in static spherically symmetric space-times (Sonego S., Massar M.), 281, 659
Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), 282, 1107
Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations (Milsom J.A., Taam R.E.), 283, 919

Astronomical instrumentation, methods and techniques

Atmospheric effects

Advantage optics for astronomy: theoretical performance and limitations (Wilson R.W., Jenkins C.R.), 278, 39

Instrumentation: detectors

An X-ray all-sky monitor with extraordinary sensitivity (Priedhorsky W.C., Peele A.G., Nugent K.A.), 279, 733

Instrumentation: miscellaneous

Field correctors for very large telescopes (Wynne C.G.), 280, 555
Searches for prompt radio emission at 151 MHz from the gamma-ray bursts GRB 950430 and GRB 950706 (Dessenne C.A.-C., Green D.A., Warner P.J., Titterton D.J., Waldram E.M., Barthelmy S.D., Butterworth P.S., Cline T.L., Gehrels N., Palmer D.M., Fishman G.J., Kouveliotou C., Meegan C.A.), 281, 977
Correction of atmospheric dispersion in the infrared (Wynne C.G.), 282, 863

Instrumentation: spectrographs

A radial velocity spectrograph for zodiacal light (James J.F.), 280, 1055
A novel zoom-lens spectrograph for a small astronomical telescope (Elliott K.H.), 281, 158
On the stability of Cassegrain spectrographs (Walker D.D., D'Arrigo P.), 281, 673
Active compensation of flexure on the WHT ISIS spectrograph (D'Arrigo P., Diego F., Walker D.D.), 281, 679

Methods: analytical

Analytical models for galactic nuclei (Zhao H.), 278, 488
Real and imaginary Kirkwood gaps (Murray C.D.), 279, 978
The steady structure of a jet/cloud interaction—I. The case of a plane-parallel stratification (Cantó J., Raga A.C.), 280, 559
The steady structure of a jet/cloud interaction—II. The case of a spherically symmetric stratification (Raga A.C., Cantó J.), 280, 567
Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), 280, 781
New sources for Kerr and other metrics: rotating relativistic discs with pressure support (Pichon C., Lynden-Bell D.), 280, 1007
Polytropic gas spheres: an approximate analytic solution of the Lane-Emden equation (Liu F.K.), 281, 1197
An analytic model for the spatial clustering of dark matter haloes (Mo H.J., White S.D.M.), 282, 347
Orbital decay of protostellar binaries in molecular clouds (Gorti U., Bhatt H.C.), 283, 566

Methods: data analysis

Good abundances from bad spectra—I. Techniques (Bryn Jones J., Gilmore G., Wyse R.F.G.), 278, 146
Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), 279, 293
The Muenster Redshift Project: improved methods for automated galaxy redshift measurements from very low-dispersion objective-prism spectra (Schuecker P.), 279, 1057
 Ω from the COBE-DMR anisotropy maps (Cayón L., Martínez-González E., Sanz J.L., Sugiyama N., Torres S.), 279, 1095
The Parkes Southern Pulsar Survey—I. Observing and data analysis

systems and initial results (Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Johnston S., Lorimer D.R., Harrison P.A., Nicastro L., Bell J.F.), 279, 1235

A method for extracting maximum resolution power spectra from microwave sky maps (Tegmark M.), 280, 299

The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), 280, 616

Filtering out near-surface uncertainties from helioseismic inversions (Basu S., Christensen-Dalsgaard J., Pérez Hernández F., Thompson M.J.), 280, 651

Using oblique decision trees for the morphological classification of galaxies (Owens E.A., Griffiths R.E., Ratnatunga K.U.), 281, 153

A method for subtracting foregrounds from multifrequency CMB sky maps (Tegmark M., Efstathiou G.), 281, 1297

On the use of the error correlation function in helioseismic inversions (Howe R., Thompson M.J.), 281, 1385

The superiority of the minimal spanning tree in percolation analyses of cosmological data sets (Bhavasar S.P., Splinter R.J.), 282, 1461

Neural computation as a tool for galaxy classification: methods and examples (Lahav O., Naim A., Sodré L., Jr, Storrie-Lombardi M.C.), 283, 207

The analysis of indexed astronomical time series—IV. Modelling period changes in sparsely observed variables (Koen C.), 283, 471

An artificial neural network approach to the classification of galaxy spectra (Folkes S.R., Lahav O., Maddox S.J.), 283, 651

An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kernan P.J., Krauss L.M., Sarajedini A.), 283, 683

Methods: numerical

N-body simulations of the Small Magellanic Cloud and the Magellanic Stream (Gardiner L.T., Noguchi M.), 278, 191

Accretion discs around black holes: two-dimensional, advection-cooled flows (Igumenshev I.V., Xingming Chen, Abramowicz M.A.), 278, 236

Are there any isolated old neutron stars in the ROSAT Wide Field Camera survey? (Manning R.A., Jeffries R.D., Willmore A.P.), 278, 577

An upwind numerical scheme for relativistic hydrodynamics with a general equation of state (Falle S.A.E.G., Komissarov S.S.), 278, 586

A non-parametric and scale-independent method for cluster analysis—II. The multivariate case (Pisani A.), 278, 697

An asymptotic description of solar acoustic oscillation of low and intermediate degree (Roxburgh I.W., Vorontsov S.V.), 278, 940

A single internal working surface in a periodic jet (Biro S.), 278, 990

GRAPESPH: cosmological smoothed particle hydrodynamics simulations with the special-purpose hardware GRAPE (Steinmetz M.), 278, 1005

Dynamical evolution of Halley-type comets (Bailey M.E., Emel'yanenko V.V.), 278, 1087

SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), 279, 402

A modified $R^1 \otimes R^1$ method for helioseismic rotation inversions (Pijpers F.P., Thompson M.J.), 279, 498

A new method for accurate estimation of velocity field statistics (Bernardeau F., van de Weygaert R.), 279, 693

Numerical study of energy diffusion in King models (Theuns T.), 279, 827

Accretion disc boundary layers around pre-main-sequence stars (Godon P.), 279, 1071

The orbital dispersion of the macroscopic Taurid objects (Steel D.I., Asher D.J.), 280, 806

On the microwave background anisotropy produced by big voids in open universes (Fullana M.J., Arnau J.V., Sáez D.), 280, 1181

Fragmentation in a centrally condensed protostar (Burkert A., Bodenheimer P.), 280, 1190

The orbital evolution of P/Machholz 2 and its debris (Asher D.J., Steel D.I.), 280, 1201

Leonid meteor storms (Wu Z., Williams I.P.), 280, 1210

Peak and gravity constraints in Gaussian primordial density fields: an application of the Hoffman-Ribak method (van de Weygaert R., Bertschinger E.), 281, 84

A nested-grid particle-mesh code for high-resolution simulations of gravitational instability in cosmology (Splinter R.J.), 281, 281

Multiple fragmentation models of centrally condensed molecular cloud cores (Sigalotti L. Di G., Klapp J.), 281, 449

On the origin of Comet Encke (Steel D.I., Asher D.J.), 281, 937

- Time-dependent analysis of spherical accretion on to black holes (Zampieri L., Miller J.C., Turolla R.), **281**, 1183
- Direct collisional simulation of 10 000 particles past core collapse (Spurzem R., Aarseth S.J.), **282**, 19
- Made-to-measure *N*-body systems (Syer D., Tremaine S.), **282**, 223
- Ergoregion instability revisited – a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580
- Existence of non-axisymmetric polytropes sustained by internal motions (Uryū K., Eriguchi Y.), **282**, 653
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), **282**, 1107
- Potential-density basis sets in axisymmetric coordinates (Robijn F.H.A., Earn D.J.D.), **282**, 1129
- Equilibria of flat and round galactic discs (Pichon C., Lynden-Bell D.), **282**, 1143
- A steady-state dynamical model for the *COBE*-detected Galactic bar (Zhao H.), **283**, 149
- The statistics of microlensing light curves – II. Temporal analysis (Lewis G.F., Irwin M.J.), **283**, 225
- A stochastic Monte Carlo approach to modelling of real star cluster evolution – I. The model (Spurzem R., Giersz M.), **283**, 805
- The Green function for solar microwaves in extraordinary mode (Pekünlū E.R.), **283**, 969

Methods: observational

- Uncertainties in the interpretation of the Lyman alpha forest lines (Levshakov S.A., Kegel W.H.), **278**, 497
- Studies of cosmic microwave background structure at Dec. = +40° – I. The performance of the Tenerife experiments (Davies R.D., Gutiérrez C.M., Hopkins J., Melhuish S.J., Watson R.A., Hoyland R.J., Rebolo R., Lasenby A.N., Hancock S.), **278**, 883
- Galactic synchrotron emission at high frequencies (Davies R.D., Watson R.A., Gutiérrez C.M.), **278**, 925
- Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847
- The Parkes Southern Pulsar Survey – I. Observing and data analysis systems and initial results (Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Johnston S., Lorimer D.R., Harrison P.A., Nicastro L., Bell J.F.), **279**, 1235
- A method for subtracting foregrounds from multifrequency CMB sky maps (Tegmark M., Efstathiou G.), **281**, 1297
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- Variance imaging in radio astronomy (Crawford D.F., Robertson J.G., Davidson G.), **283**, 336
- A search for lunar radio Cerenkov emission from high-energy neutrinos (Hankins T.H., Ekers R.D., O'Sullivan J.D.), **283**, 1027
- On determining the topology of the observable Universe via three-dimensional quasar positions (Roukema B.F.), **283**, 1147
- Galaxy-galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340
- IRAS 06562–0337: the Iron-clad Nebula (Kerber F., Lercher G., Roth M.), **283**, L41

Methods: statistical

- The scale and dispersion of galactic alignments (Coutts A.), **278**, 87
- Minimal spanning tree statistics for the analysis of large-scale structure (Krzewina L.G., Saslaw W.C.), **278**, 869
- A test for partial correlation with censored astronomical data (Akritas M.G., Siebert J.), **278**, 919
- The prediction of the spectral properties of BL Lac samples (Marchā M.J.M., Browne I.W.A.), **279**, 72
- A new method for accurate estimation of velocity field statistics (Bernardeau F., van de Weygaert R.), **279**, 693
- Statistical tests of a periodicity hypothesis for crater formation rate – II (Yabushita S.), **279**, 727
- Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083
- The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), **280**, 616
- Counts-in-cells analysis of the statistical distribution in an *N*-body simulated universe (Ueda H., Yokoyama J.), **280**, 754
- On the estimation of distances from trigonometric parallaxes (Smith H., Jr, Eichhorn H.), **281**, 211

- Quantifying the topology of large-scale structure (Coles P., Davies A.G., Pearson R.C.), **281**, 1375
- Topology of *COBE* microwave background fluctuations (Colley W.N., Gott J.R., III, Park C.), **281**, L82
- A paradigm revisited: the accretion disc in AGNs and quasars (Gondhalekar P.M., Rouillon-Foley C., Kellett B.J.), **282**, 117
- The light-curve reconstruction method for measuring the time delay of gravitational lens systems (Geiger B., Schneider P.), **282**, 530
- Observations of pulsar glitches (Shemar S.L., Lyne A.G.), **282**, 677
- A statistical test for correlation between crater formation rate and mass extinctions (Matsumoto M., Kubotani H.), **282**, 1407
- Starburst galaxy contributions to extragalactic source counts (Pearson C., Rowan-Robinson M.), **283**, 174
- The analysis of indexed astronomical time series – IV. Modelling period changes in sparsely observed variables (Koen C.), **283**, 471
- The two-point correlation function and morphological segregation in the Optical Redshift Survey (Hermit S., Santiago B.X., Lahav O., Strauss M.A., Davis M., Dressler A., Huchra J.P.), **283**, 709
- A statistic for identifying cosmic string wakes and other sheet-like structures (Robinson J., Albrecht A.), **283**, 733
- Non-Gaussian likelihood function and *COBE* data (Amendola L.), **283**, 983
- Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383

Space vehicles

- An X-ray all-sky monitor with extraordinary sensitivity (Priedhorsky W.C., Peele A.G., Nugent K.A.), **279**, 733

Techniques: image processing

- Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), **279**, 293
- VRI* CCD surface photometry of Seyfert 1, Seyfert 2 and intermediate Seyfert-type galaxies (Xanthopoulos E.), **280**, 6

Techniques: interferometric

- A radial velocity spectrograph for zodiacal light (James J.F.), **280**, 1055
- VLBI observations of OH masers with the S-2 recording system (Slysh V.I., Migens V., Kanevsky B.Z., Molotov I.E., Samodurov V.A., Reynolds J.E., Wilson W.E., Jauncey D.L., McCulloch P.M., Feil G., Cannon W.), **283**, L9

Techniques: miscellaneous

- Adaptive optics for astronomy: theoretical performance and limitations (Wilson R.W., Jenkins C.R.), **278**, 39
- Variance imaging in radio astronomy (Crawford D.F., Robertson J.G., Davidson G.), **283**, 336

Techniques: photometric

- Noise-induced bias in magnitude determinations (Clarke D.), **278**, 635
- VRI* CCD surface photometry of Seyfert 1, Seyfert 2 and intermediate Seyfert-type galaxies (Xanthopoulos E.), **280**, 6
- HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153
- DDO photometry of E-region stars and equatorial standards – II (Cousins A.W.J., Caldwell J.A.R.), **281**, 522
- UBV(RI)*_C observations of Johnson's standard sequence in IC 4665 (Menzies J.W., Marang F.), **282**, 313
- More on noise-induced bias in magnitude determinations (Koen C., Menzies J.), **283**, 222

Techniques: polarimetric

- Near-infrared and millimetre polarimetry of Cen A (Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406
- Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- Spectropolarimetry of 3C 265, a misaligned radio galaxy (di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fournon I.), **279**, L57

Techniques: spectroscopic

- Early spectra of the supernova 1987F (Wegner G., Swanson S.R.), **278**, 22
- A spectroscopic search for red supergiants in the M33 giant H II region

- NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), 279, 1219
- The Ly α forest of the quasar HS 1946 + 7658: properties of the Ly α absorbing systems at high z (de la Fuente A., Rodríguez-Pascual P.M., Sanz J.L., Recondo M.C.), 281, 463
- Molecular rotational contour fitting of ultra-high-resolution profiles of diffuse interstellar bands (Kerr T.H., Hibbins R.E., Miles J.R., Fossey S.J., Somerville W.B., Sarre P.J.), 283, L105

Telescopes

- Adaptive optics for astronomy: theoretical performance and limitations (Wilson R.W., Jenkins C.R.), 278, 39
- An X-ray all-sky monitor with extraordinary sensitivity (Priedhorsky W.C., Peele A.G., Nugent K.A.), 279, 733
- Field correctors for very large telescopes (Wynne C.G.), 280, 555
- On the stability of Cassegrain spectrographs (Walker D.D., D'Arrigo P.), 281, 673
- Active compensation of flexure on the WHT ISIS spectrograph (D'Arrigo P., Diego F., Walker D.D.), 281, 679
- Correction of atmospheric dispersion in the infrared (Wynne C.G.), 282, 863

Astronomical data bases

Astronomical data bases: miscellaneous

- Interpolations of Rosseland-mean opacities for variable X and Z (Seaton M.J.), 279, 95
- Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), 279, 293

Atlases

- The optical spectra of old novae (Ringwald F.A., Naylor T., Mukai K.), 281, 192
- Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), 281, 1352
- An atlas of optical continuum and line emission from low-mass X-ray binaries (Shahbaz T., Smale A.P., Naylor T., Charles P.A., van Paradijs J., Hassall B.J.M., Callanan P.), 282, 1437

Catalogues

- The APM Bright Galaxy Catalogue (Loveday J.), 278, 1025
- Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), 279, 293
- Framework for cosmography at high redshift (Triay R., Spinelli L., Lafaye R.), 279, 564
- Using oblique decision trees for the morphological classification of galaxies (Owens E.A., Griffiths R.E., Ratnatunga K.U.), 281, 153
- Reduction of the COSMOS Southern Sky galaxy survey data to the RC3 standard system (Rousseau J., Di Nella H., Paturel G., Petit C.), 282, 144
- The 7C survey of radio sources at 151 MHz – a region covering RA 9^h to 16^h and Dec. 20° to 35° (Waldram E.M., Yates J.A., Riley J.M., Warner P.J.), 282, 779
- Are the Perseus–Pisces chain and the Pavo–Indus wall connected? (Di Nella H., Couch W.J., Paturel G., Parker Q.A.), 283, 367

Surveys

- Canada–France Redshift Survey – X. The quasar sample (Schade D., Crampton D., Hammer F., Le Fèvre O., Lilly S.J.), 278, 95
- Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), 279, 293
- Galactic extinction and Abell clusters (Nichol R.C., Connolly A.J.), 279, 521
- An X-ray all-sky monitor with extraordinary sensitivity (Priedhorsky W.C., Peele A.G., Nugent K.A.), 279, 733
- RV Tauri stars – I. A long-term photometric survey (Pollard K.R., Cottrell P.L., Kilmartin P.M., Gilmore A.C.), 279, 949
- K-band photometry of spectroscopic redshift survey objects (Gardner J.P.), 279, 1157
- The Parkes Southern Pulsar Survey – I. Observing and data analysis systems and initial results (Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Johnston S., Lorimer D.R., Harrison P.A., Nicastro L., Bell J.F.), 279, 1235
- The real-space correlation function measured from the APM Galaxy Survey (Baugh C.M.), 280, 267

- A deep *ROSAT* survey – V. The extragalactic populations at faint fluxes (Georgantopoulos I., Stewart G.C., Shanks T., Boyle B.J., Griffiths R.E.), 280, 276
- A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $0^\circ53$ (Ellingsen S.P., von Bibr M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), 280, 378
- The clustering of blue and red galaxies at $B \sim 25.5$ mag (Roche N., Shanks T., Metcalfe N., Fong R.), 280, 397
- ROSAT* PSPC X-ray spectral survey of W UMa systems (McGale P.A., Pye J.P., Hodgkin S.T.), 280, 627
- Large-scale structure in a new deep *IRAS* galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), 280, 673
- Testing Ansätze for quasi-non-linear clustering: the linear APM power spectrum (Baugh C.M., Gaztañaga E.), 280, L37
- The *ROSAT* North Ecliptic Pole Deep Survey (Bower R.G., Hasinger G., Castander F.J., Aragón-Salamanca A., Ellis R.S., Gioia I.M., Henry J.P., Burg R., Huchra J.P., Böhringer H., Briel U.G., McLean B.), 281, 59
- The space density of quasars at $z > 4$ (Hawkins M.R.S., Véron P.), 281, 348
- The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey (Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fournon I.), 281, 579
- Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), 281, 799
- The Canada–France Redshift Survey – XII. Nature of emission-line field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D.), 281, 847
- QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function (Croom S.M., Shanks T.), 281, 893
- Optical and X-ray properties of the RIXOS active galactic nuclei – I. The continua (Puchnarewicz E.M., Mason K.O., Romero-Colmenero E., Carrera F.J., Hasinger G., McMahon R., Mittaz J.P.D., Page M.J., Carballo R.), 281, 1243
- ROSAT* observations of 3C radio-loud sources (Prieto M.A.), 282, 421
- A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources (Biggs J.D., Lyne A.G.), 282, 691
- The 7C survey of radio sources at 151 MHz – a region covering RA 9^h to 16^h and Dec. 20° to 35° (Waldram E.M., Yates J.A., Riley J.M., Warner P.J.), 282, 779
- A deep *ROSAT* survey – XI. Enhanced X-ray emission from faint galaxies (Roche N., Griffiths R.E., Della Ceca R., Shanks T., Boyle B.J., Georgantopoulos I., Stewart G.C.), 282, 820
- A survey for high-redshift radio-loud quasars: optical spectroscopy of $S > 0.2$ Jy, flat-spectrum radio sources (Hook I.M., McMahon R.G., Irwin M.J., Hazard C.), 282, 1274
- Large-scale fluctuations in the distribution of galaxies (Baugh C.M.), 282, 1413
- A wide-field K-band survey – I. Galaxy counts in B , V , I and K (Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S.), 282, L1
- A Galactic Centre survey for 6.6-GHz methanol masers (Caswell J.L.), 283, 606
- A *ROSAT* survey of Hickson's compact galaxy groups (Ponman T.J., Bourmer P.D.J., Ebeling H., Böhringer H.), 283, 690
- Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), 283, 1103
- The APM Galaxy Survey – III. An analysis of systematic errors in the angular correlation function and cosmological implications (Maddox S.J., Efstathiou G., Sutherland W.J.), 283, 1227
- Large- and superlarge-scale structure in the Las Campanas Redshift Survey (Doroshkevich A.G., Tucker D.L., Oemler A., Jr, Kirshner R.P., Huan Lin, Shectman S.A., Landy S.D., Fong R.), 283, 1281
- A wide-field K-band survey – II. Galaxy clustering (Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M.), 283, L15

Astrometry and celestial mechanics

Astrometry

- Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates (Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börgen F., Ziener R.), **278**, 251
- The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854
- On the estimation of distances from trigonometric parallaxes (Smith H., Jr, Eichhorn H.), **281**, 211
- CCD astrometry of southern very low-mass stars (Tinney C.G.), **281**, 644

Celestial mechanics, stellar dynamics

- Triple black hole systems formed in mergers of galaxies (Valtonen M.J.), **278**, 186
- Energetics of star-disc encounters in the non-linear regime (Hall S.M., Clarke C.J., Pringle J.E.), **278**, 303
- Cooperation of orbital streams in disc galaxies (Earn D.J.D., Lynden-Bell D.), **278**, 395
- Analytical models for galactic nuclei (Zhao H.), **278**, 488
- Dynamical evolution of Halley-type comets (Bailey M.E., Emel'yanenko V.V.), **278**, 1087
- Dynamical families in the Galactic globular cluster system (Bellazzini M., Vesperini E., Ferraro F.R., Fusi Pecci F.), **279**, 337
- Three-integral oblate galaxy models (Robijn F.H.A., de Zeeuw P.T.), **279**, 673
- Numerical study of energy diffusion in King models (Theuns T.), **279**, 827
- Statistics of *N*-body simulations – III. Unequal masses (Giersz M., Heggie D.C.), **279**, 1037
- Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc (Sridhar S., Touma J.), **279**, 1263
- The 1995 outburst and possible origin of the α -Monocerotid meteoroid stream (Rendtel J., Brown P., Molau S.), **279**, L31
- Relativistic perihelion advance as a centrifugal effect (Sonego S., Lanza A.), **279**, L65
- Stability of spherical stellar systems – I. Analytical results (Perez J., Aly J.-J.), **280**, 689
- Stability of spherical stellar systems – II. Numerical results (Perez J., Alimi J.-M., Aly J.-J., Scholl H.), **280**, 700
- The orbital dispersion of the macroscopic Taurid objects (Steel D.I., Asher D.J.), **280**, 806
- Jeans and Boltzmann solutions for oblate galaxies with flat rotation curves (de Zeeuw P.T., Evans N.W., Schwarzschild M.), **280**, 903
- New sources for Kerr and other metrics: rotating relativistic discs with pressure support (Pichon C., Lynden-Bell D.), **280**, 1007
- Finite-mass isothermal spheres and the structure of globular clusters (Madsen J.), **280**, 1089
- Leonid meteor storms (Wu Z., Williams I.P.), **280**, 1210
- Orbital covariance eigenproblem for asteroids and comets (Muinonen K.), **280**, 1235
- The effect of tidal friction on the stability of triple systems (Orlov V.V., Petrova A.V.), **281**, 384
- Close approach during hard binary–binary scattering (Bacon D., Sigurdsson S., Davies M.B.), **281**, 830
- Orbital evolution of Comet 1995 O1 Hale–Bopp (Bailey M.E., Emel'yanenko V.V., Hahn G., Harris N.W., Hughes K.A., Muinonen K., Scotti J.V.), **281**, 916
- On the origin of Comet Encke (Steel D.I., Asher D.J.), **281**, 937
- Dynamical friction in disc galaxies with non-zero velocity dispersion (Wahde M., Donner K.J., Sundelius B.), **281**, 1165
- The effect of stellar wind on the stability of triple systems (Orlov V.V., Petrova A.V., Ivanova N.S.), **281**, 1326
- Direct collisional simulation of 10 000 particles past core collapse (Spurzem R., Aarseth S.J.), **282**, 19
- The effect of encounters on the eccentricity of binaries in clusters (Heggie D.C., Rasio F.A.), **282**, 1064
- Potential–density basis sets in axisymmetric coordinates (Robijn F.H.A., Earn D.J.D.), **282**, 1129
- On the non-observability of meteors from Comet C/1995 O1 Hale–Bopp (Beech M., Brown P., Jones J.), **283**, 137
- A steady-state dynamical model for the COBE-detected Galactic bar (Zhao H.), **283**, 149
- Self-consistent, axisymmetric two-integral models of elliptical

galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381

- A stochastic Monte Carlo approach to modelling of real star cluster evolution – I. The model (Spurzem R., Giersz M.), **283**, 805

Eclipses

- Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845
- Multicolour eclipse studies of UU Aquarii – II. The accretion disc (Baptista R., Steiner J.E., Horne K.), **282**, 99

The Sun

Abundances

- A simple method of accounting for correlation effects in electron transitions and its application in finding oscillator strengths and the solar abundance of zirconium (Bogdanovich P., Tautvaisienė G., Rudzikas Z., Momkauskaitė A.), **280**, 95
- Equation of state in the solar convection zone and the implications of helioseismology (Elliott J.R.), **280**, 1244

Activity

- A new model of the solar cycle (Knobloch E., Landsberg A.S.), **278**, 294
- Structural changes to the Sun through the solar cycle (Balmforth N.J., Gough D.O., Merryfield W.J.), **278**, 437
- Fe XII emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (SERTS) (Keenan F.P., Thomas R.J., Neupert W.M., Foster V.J., Brown P.J.F., Tayal S.S.), **278**, 773

Atmosphere

- Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbuy B.), **280**, 1155
- On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811

Chromosphere

- Superpenumbral vortices (Peter H.), **278**, 821

Corona

- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761

Flares

- Fe XII emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (SERTS) (Keenan F.P., Thomas R.J., Neupert W.M., Foster V.J., Brown P.J.F., Tayal S.S.), **278**, 773

Fundamental parameters

- The Green function for solar microwaves in extraordinary mode (Pekünlü E.R.), **283**, 969

General

- Solar neutrinos and dark matter: cosmions, CHAMPs or ... DAEMONS? (Drobyshevski E.M.), **282**, 211

Granulation

- Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153

Interior

- A modified $R^1 \otimes R^1$ method for helioseismic rotation inversions (Pijpers F.P., Thompson M.J.), **279**, 498
- Filtering out near-surface uncertainties from helioseismic inversions (Basu S., Christensen-Dalsgaard J., Pérez Hernández F., Thompson M.J.), **280**, 651
- Solar core rotation: low-degree solar p-mode rotational splitting results from BiSON (Chaplin W.J., Elsworth Y., Howe R., Isaak G.R., McLeod C.P., Miller B.A., New R.), **280**, 849
- Low-degree, $l = 4$ modes in full-disc BiSON helioseismological data

- (Chaplin W.J., Elsworth Y., Howe R., Isaak G.R., McLeod C.P., Miller B.A., New R.), **280**, 1162
 Equation of state in the solar convection zone and the implications of helioseismology (Elliott J.R.), **280**, 1244
 On the use of the error correlation function in helioseismic inversions (Howe R., Thompson M.J.), **281**, 1385
 Low-frequency, low-degree solar p-mode measurements from recent BiSON data (Chaplin W.J., Elsworth Y., Isaak G.R., Lines R., McLeod C.P., Miller B.A., New R.), **282**, L15
 Solar core rotation from low-degree BiSON p-mode splittings: 1981–95 (Chaplin W.J., Elsworth Y., Isaak G.R., McLeod C.P., Miller B.A., New R.), **283**, L31

Magnetic fields

- A new model of the solar cycle (Knobloch E., Landsberg A.S.), **278**, 294
 Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153

Oscillations

- Structural changes to the Sun through the solar cycle (Balmforth N.J., Gough D.O., Merryfield W.J.), **278**, 437
 An asymptotic description of solar acoustic oscillation of low and intermediate degree (Roxburgh I.W., Vorontsov S.V.), **278**, 940
 A modified $R^1 \otimes R^1$ method for helioseismic rotation inversions (Pijpers F.P., Thompson M.J.), **279**, 498
 Filtering out near-surface uncertainties from helioseismic inversions (Basu S., Christensen-Dalsgaard J., Pérez Hernández F., Thompson M.J.), **280**, 651
 Solar core rotation: low-degree solar p-mode rotational splitting results from BiSON (Chaplin W.J., Elsworth Y., Howe R., Isaak G.R., McLeod C.P., Miller B.A., New R.), **280**, 849
 Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbay B.), **280**, 1155
 Low-degree, $l = 4$ modes in full-disc BiSON helioseismological data (Chaplin W.J., Elsworth Y., Howe R., Isaak G.R., McLeod C.P., Miller B.A., New R.), **280**, 1162
 Equation of state in the solar convection zone and the implications of helioseismology (Elliott J.R.), **280**, 1244
 On the use of the error correlation function in helioseismic inversions (Howe R., Thompson M.J.), **281**, 1385
 Low-frequency, low-degree solar p-mode measurements from recent BiSON data (Chaplin W.J., Elsworth Y., Isaak G.R., Lines R., McLeod C.P., Miller B.A., New R.), **282**, L15
 Solar core rotation from low-degree BiSON p-mode splittings: 1981–95 (Chaplin W.J., Elsworth Y., Isaak G.R., McLeod C.P., Miller B.A., New R.), **283**, L31

Radio radiation

- Periodicity in the basal component of solar radio emission (Das T.K., Chatterjee T.N.), **278**, 6

Rotation

- A new model of the solar cycle (Knobloch E., Landsberg A.S.), **278**, 294
 A modified $R^1 \otimes R^1$ method for helioseismic rotation inversions (Pijpers F.P., Thompson M.J.), **279**, 498
 Solar core rotation from low-degree BiSON p-mode splittings: 1981–95 (Chaplin W.J., Elsworth Y., Isaak G.R., McLeod C.P., Miller B.A., New R.), **283**, L31

Solar wind

- Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39
 On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811

Sunspots

- A new model of the solar cycle (Knobloch E., Landsberg A.S.), **278**, 294
 Superpenumbral vortices (Peter H.), **278**, 821
 Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
 Compressible magnetohydrodynamic waves in stellar atmospheres

- with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761
 Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153

Transition region

- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
 Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761

Solar system

Comets: general

- Dynamical evolution of Halley-type comets (Bailey M.E., Emel'yanenko V.V.), **278**, 1087
 Statistical tests of a periodicity hypothesis for crater formation rate – II (Yabushita S.), **279**, 727
 The orbital dispersion of the macroscopic Taurid objects (Steel D.I., Asher D.J.), **280**, 806
 The orbital evolution of P/Machholz 2 and its debris (Asher D.J., Steel D.I.), **280**, 1201
 Orbital covariance eigenproblem for asteroids and comets (Muinonen K.), **280**, 1235
 On the origin of Comet Encke (Steel D.I., Asher D.J.), **281**, 937
 Stellar perturbations of inner core comets and the impulse approximation (Eggers S., Woolfson M.M.), **282**, 13
 The dust tail of Comet 1P/Halley after its perihelion in 1986 and the rotation of the nucleus (Grothues H.-G., Schmidt-Kaler T.), **282**, 547
 A statistical test for correlation between crater formation rate and mass extinctions (Matsumoto M., Kubotani H.), **282**, 1407
 On the effect of non-gravitational processes on the dynamics of nearly parabolic comets (Yabushita S.), **283**, 347

Comets: individual: 1P/Halley

- The dust tail of Comet 1P/Halley after its perihelion in 1986 and the rotation of the nucleus (Grothues H.-G., Schmidt-Kaler T.), **282**, 547

Comets: individual: 55P/Tempel–Tuttle

- Leonid meteor storms (Wu Z., Williams I.P.), **280**, 1210

Comets: individual: 1989 XIX

- On the effect of non-gravitational processes on the dynamics of nearly parabolic comets (Yabushita S.), **283**, 347

Comets: individual: C/1943 W1

- The 1995 outburst and possible origin of the α -Monocerotid meteoroid stream (Rendtel J., Brown P., Molau S.), **279**, L31

Comets: individual: C/1995 01

- On the non-observability of meteors from Comet C/1995 01 Hale-Bopp (Beech M., Brown P., Jones J.), **283**, 137

Comets: individual: C/1995 01 Hale-Bopp

- Orbital covariance eigenproblem for asteroids and comets (Muinonen K.), **280**, 1235
 Orbital evolution of Comet 1995 01 Hale-Bopp (Bailey M.E., Emel'yanenko V.V., Hahn G., Harris N.W., Hughes K.A., Muinonen K., Scotti J.V.), **281**, 916

Comets: individual: Hale-Bopp

- Optical spectroscopy of comet C/1995 01 Hale-Bopp (Fitzsimmons A., Cartwright I.M.), **278**, L37

Comets: individual: Comet Encke

- On the origin of Comet Encke (Steel D.I., Asher D.J.), **281**, 937

Comets: individual: D/Shoemaker–Levy 9

- Optical imaging of the impact plume on Jupiter from fragment L of comet D/Shoemaker–Levy 9 (Fitzsimmons A., Andrews P.J., Catchpole R., Little J.E., Walton N., Williams I.P.), **278**, 781

Comets: individual: P/1994 P1

The orbital evolution of P/Machholz 2 and its debris (Asher D.J., Steel D.I.), **280**, 1201

Earth

A statistical test for correlation between crater formation rate and mass extinctions (Matsumoto M., Kubotani H.), **282**, 1407

Interplanetary medium

A radial velocity spectrograph for zodiacal light (James J.F.), **280**, 1055

Meteors, meteoroids

Pulsation frequency of fireballs: a new method of measuring meteoroid size? (Thuillard M.), **279**, 785

Real and imaginary Kirkwood gaps (Murray C.D.), **279**, 978

The 1995 outburst and possible origin of the α -Monocerotid meteoroid stream (Rendtel J., Brown P., Molau S.), **279**, L31

The orbital evolution of P/Machholz 2 and its debris (Asher D.J., Steel D.I.), **280**, 1201

Leonid meteor storms (Wu Z., Williams I.P.), **280**, 1210

Orbital evolution of Comet 1995 O1 Hale-Bopp (Bailey M.E.,

Emel'yanenko V.V., Hahn G., Harris N.W., Hughes K.A., Muinonen K., Scotti J.V.), **281**, 916

A statistical test for correlation between crater formation rate and mass extinctions (Matsumoto M., Kubotani H.), **282**, 1407

On the non-observability of meteors from Comet C/1995 O1

Hale-Bopp (Beech M., Brown P., Jones J.), **283**, 137

The flux of meteorites to the Earth over the last 50 000 years (Bland P.A., Smith T.B., Jull A.J.T., Berry F.J., Bevan A.W.R., Cloudt S., Pillinger C.T.), **283**, 551

Minor planets, asteroids

Dynamical evolution of Halley-type comets (Bailey M.E., Emel'yanenko V.V.), **278**, 1087

Real and imaginary Kirkwood gaps (Murray C.D.), **279**, 978

The orbital dispersion of the macroscopic Taurid objects (Steel D.I., Asher D.J.), **280**, 806

Orbital covariance eigenproblem for asteroids and comets (Muinonen K.), **280**, 1235

On the origin of Comet Encke (Steel D.I., Asher D.J.), **281**, 937

Moon

A search for lunar radio Čerenkov emission from high-energy neutrinos (Hankins T.H., Ekers R.D., O'Sullivan J.D.), **283**, 1027

Planets and satellites: general

Planetary commensurabilities driven by accretion and dynamical friction (Melita M.D., Woolfson M.M.), **280**, 854

Planets and satellites: individual: Jupiter

Optical imaging of the impact plume on Jupiter from fragment L of comet D/Shoemaker-Levy 9 (Fitzsimmons A., Andrews P.J., Catchpole R., Little J.E., Walton N., Williams I.P.), **278**, 781

Solar system: formation

Viscous damping in self-gravitating accretion discs (Drimmel R.), **282**, 982

Solar system: general

Statistical tests of a periodicity hypothesis for crater formation rate – II (Yabushita S.), **279**, 727

Planetary commensurabilities driven by accretion and dynamical friction (Melita M.D., Woolfson M.M.), **280**, 854

Stars

Abundances

The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11

A differential abundance analysis of the early-type halo star PHL 346 (Ryans R.S.I., Hambly N.C., Dufton P.L., Keenan F.P.), **278**, 132

Good abundances from bad spectra – I. Techniques (Bryn Jones J., Gilmore G., Wyse R.F.G.), **278**, 146

The chemical composition of IK Pegasi (Smalley B., Smith K.C., Wonnacott D., Allen C.S.), **278**, 688

gf-values for singly ionized lanthanum based on a new calibration of NBS Monograph 145 intensities (Bord D.J., Barisciano L.P., Jr, Cowley C.R.), **278**, 997

Evolutionary scenarios for double degenerate systems (Sarna M.J., Marks P.B., Smith R.C.), **279**, 88

Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), **279**, 180

The metallicity distribution of G dwarfs in the solar neighbourhood (Rocha-Pinto H.J., Maciel W.J.), **279**, 447

Continuous opacity from Ne⁺ (John T.L.), **279**, 859

Elemental abundance analyses with DAO spectrograms – XV. The superficially normal late B-type and early A-type stars Merak, π Draconis and α Cephei (Adelman S.J.), **280**, 130

Elemental abundances of field horizontal branch stars – IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285

ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515

Non-LTE model chromospheres of ζ Aurigae stars (Marshall K.P.), **280**, 977

Elemental abundances of the mercury–manganese stars HR 89 and 33 Geminorum (Adelman S.J., Philip A.G.D., Adelman C.J.), **282**, 953

The chemical composition of the protoplanetary nebula candidate HD 179821 (Začs L., Klochkova V.G., Panchuk V.E., Spelmanis R.), **282**, 1171

Elemental abundances of the B and A stars – III. Gamma Geminorum, HR 1397, HR 2154, HD 60825 and 7 Sextantis (Adelman S.J., Philip A.G.D.), **282**, 1181

The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling (Wallerstein G., Gonzalez G.), **282**, 1236

Elemental abundance analyses with DAO spectrograms – XIV. The double-lined spectroscopic binary 112 Herculis (Ryabchikova T.A., Zakharova L.A., Adelman S.J.), **283**, 1115

Activity

Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), **279**, 180

Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389

ROSAT PSPC X-ray spectral survey of W UMa systems (McGale P.A., Pye J.P., Hodgkin S.T.), **280**, 627

2RE J0241–525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), **281**, 1001

Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55

AGB and post-AGB

The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11

On the nature of the high-latitude B-type star CPD–61°455 (Hambly N.C., Dufton P.L., Keenan F.P., Lumsden S.L.), **278**, 811

Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts (Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F.), **279**, 32

RV Tauri stars – I. A long-term photometric survey (Pollard K.R., Cottrell P.L., Kilmartin P.M., Gilmore A.C.), **279**, 949

The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaijer R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), **280**, 1062

The rotation curve of the Galaxy obtained from planetary nebulae and AGB stars (Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J.), **281**, 339

A revised period–luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347

On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud (Wood P.R., Sebo K.M.), **282**, 958

The chemical composition of the protoplanetary nebula candidate HD 179821 (Začs L., Klochkova V.G., Panchuk V.E., Spelmanis R.), **282**, 1171

Chemistry in anisotropic asymptotic giant branch winds (Howe D.A., Millar T.J.), **282**, L21

On the recent mysterious spectral variations of the post-asymptotic giant branch star FG Sagittae (Iijima T.), **283**, 141

The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830

Atmospheres

- Good abundances from bad spectra—I. Techniques (Bryn Jones J., Gilmore G., Wyse R.F.G.), **278**, 146
- Radiative transfer in the comoving frame (Baron E., Hauschildt P.H., Mezzacappa A.), **278**, 763
- Polarization during binary microlensing (Agol E.), **279**, 571
- Continuous opacity from Ne^- (John T.L.), **279**, 859
- Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394 (Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W.), **279**, 1120
- On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380
- Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
- The chemical composition of the protoplanetary nebula candidate HD 179821 (Začs L., Klochkova V.G., Panchuk V.E., Spelmanis R.), **282**, 1171
- Non-local thermodynamic equilibrium effects in modelling of supernovae near maximum light (Baron E., Hauschildt P.H., Nugent P., Branch D.), **283**, 297
- Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), **283**, 821
- The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830

Binaries: close

- V795 Her: an SW Sex star in the period gap? (Casares J., Martinez-Pais I.G., Marsh T.R., Charles P.A., Lázaro C.), **278**, 219
- Energetics of star-disc encounters in the non-linear regime (Hall S.M., Clarke C.J., Pringle J.E.), **278**, 303
- Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
- A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565
- Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845
- Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts (Clarke C.J., Syer D.), **278**, L23
- Evolutionary scenarios for double degenerate systems (Sarna M.J., Marks P.B., Smith R.C.), **279**, 88
- SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), **279**, 402
- Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940
- Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101
- The response of tidally heated stars (Podsiadlowski Ph.), **279**, 1104
- The spin period of the intermediate polar RX J0558 + 53 (Allan A., Horne K., Hellier C., Mukai K., Barwig H., Bennie P.J., Hilditch R.W.), **279**, 1345
- On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380
- UZ Leo and CV Cyg: two evolved contact binaries (Vinkó J., Hegedüs T., Hendry P.D.), **280**, 489
- ROSAT PSPC X-ray spectral survey of W UMa systems (McGale P.A., Pye J.P., Hodgkin S.T.), **280**, 627
- The X-ray spectrum of the intermediate polar AO Piscium (Hellier C., Mukai K., Ishida M., Fujimoto R.), **280**, 877
- The probable mass of the companion in Cygnus X-3 (Mitra A.), **280**, 953
- An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sarna M.J.), **280**, 1000
- Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses (Tutukov A., Yungelson L.), **280**, 1035
- Accretion mode changes in QS Tel (RE 1938-461): *EUVE*, *ROSAT* and optical observations (Rosen S.R., Mittaz J.P.D., Buckley D.A., Layden A.C., Clayton K.L., McCain C., Wynn G.A., Sirk M.M., Osborne J.P., Watson M.G.), **280**, 1121
- Wind accretion in binary stars—II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264

- Photometry of the post-common-envelope binary PG 0308 + 096 (Somers M.W., Lockley J.J., Naylor T., Wood J.H.), **280**, 1277
- Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9-6951 from MACHO Project photometry (Alcock C. et al.), **280**, L49
- The optical spectra of old novae (Ringwald F.A., Naylor T., Mukai K.), **281**, 192
- Self-induced warping of accretion discs (Pringle J.E.), **281**, 357
- The effect of tidal friction on the stability of triple systems (Orlov V.V., Petrova A.V.), **281**, 384
- A population synthesis study of low-mass X-ray binary systems (Terman J.L., Taam R.E., Savage C.O.), **281**, 552
- The continuum radiation from accretion discs and the boundary layer (Idan I., Shaviv G.), **281**, 604
- The spectra of accretion discs in low-mass X-ray binaries (Ross R.R., Fabian A.C.), **281**, 637
- Close approach during hard binary—binary scattering (Bacon D., Sigurdsson S., Davies M.B.), **281**, 830
- The EUV transient RE J1255 + 266 (Watson M.G., Marsh T.R., Fender R.P., Barstow M.A., Still M., Page M., Dhillon V.S., Beardmore A.P.), **281**, 1016
- Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg (Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A.), **281**, 1094
- The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1
- Multicolour eclipse studies of UU Aquarii—II. The accretion disc (Baptista R., Steiner J.E., Horne K.), **282**, 99
- A coordinated campaign on the intermediate polar AE Aqr—I. The system parameters (Casares J., Mouchet M., Martinez-Pais I.G., Harlaftis E.T.), **282**, 182
- Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191
- The magnetic fields of EF Eridani and BL Hydri (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218
- The system parameters of the polars MR Ser and ST LMi (Shahbaz T., Wood J.H.), **282**, 362
- W Corvi, a contact binary with a large temperature difference (Odell A.P.), **282**, 373
- The tidally induced warping, precession and truncation of accretion discs in binary systems: three-dimensional simulations (Larwood J.D., Nelson R.P., Papaloizou J.C.B., Terquem C.), **282**, 597
- Photometric superoutburst observations of the short-period dwarf nova TV Corvi (Howell S.B., Reyes A.L., Ashley R., Harrop-Allin M.K., Warner B.), **282**, 623
- Infrared photometry of the intermediate polar XY Arietis (H0253 + 193) (Allan A., Hellier C., Ramseyer T.F.), **282**, 699
- Optical polarization and X-ray data on the AM Her star RE J1844-74 (Ramsay G., Cropper M., Wu K., Potter S.), **282**, 726
- Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977
- The effect of encounters on the eccentricity of binaries in clusters (Heggie D.C., Rasio F.A.), **282**, 1064
- Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), **282**, 1107
- An atlas of optical continuum and line emission from low-mass X-ray binaries (Shahbaz T., Smale A.P., Naylor T., Charles P.A., van Paradijs J., Hassall B.J.M., Callanan P.), **282**, 1437
- The age of cataclysmic variables (Kolb U., Stehle R.), **282**, 1454
- Periodic UV modulation of X1850-087: a double degenerate binary in the globular cluster NGC 6712? (Homer L., Charles P.A., Naylor T., van Paradijs J., Aurière M., Koch-Miramond L.), **282**, L37
- An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009-45) (Shahbaz T., van der Hooft F., Charles P.A., Casares J., van Paradijs J.), **282**, L47
- Z Cam in outburst during the *ROSAT* All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeffermann E.), **283**, 101
- Orbital decay of protostellar binaries in molecular clouds (Gorti U., Bhatt H.C.), **283**, 566
- Flaring and quiescent infrared behaviour of Cygnus X-3 (Fender R.P., Bell Burnell S.J., Williams P.M., Webster A.S.), **283**, 798
- Extended multifrequency observations of radio emission from the RS CVn binary HR 1099 (Jones K.L., Brown A., Stewart R.T., Slee O.B.), **283**, 1331

The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63

Binaries: eclipsing

- The eclipsing dwarf nova HS 1804 + 6753 (Billington I., Marsh T.R., Dhillon V.S.), **278**, 673
- Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845
- The polarimetric variability of 32 Cyg during its 1993 October eclipse (Fox G.K., Griscom L.), **278**, 975
- Accretion disc radii in eclipsing cataclysmic variables (Harrop-Allin M.K., Warner B.), **279**, 219
- Discovery of six short-period eclipsing binaries in the globular cluster M5 (Yan L., Reid I.N.), **279**, 751
- Radio observations of PSR B1259-63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), **279**, 1026
- Superhumps and ultraviolet superdips: *HST* observations of OY Car (Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M.), **279**, 1274
- UZ Leo and CV Cyg: two evolved contact binaries (Vinkó J., Hegedűs T., Hendry P.D.), **280**, 489
- Non-LTE model chromospheres of ζ Aurigae stars (Marshall K.P.), **280**, 977
- Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), **281**, 1352
- W Corvi, a contact binary with a large temperature difference (Odell A.P.), **282**, 373
- Infrared photometry of the intermediate polar XY Arietis (H0253 + 193) (Allan A., Hellier C., Ramseyer T.F.), **282**, 699
- A search for detached eclipsing binary systems in the oldest known open cluster NGC 6791 (Rucinski S.M., Kaluzny J., Hilditch R.W.), **282**, 705
- An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), **282**, 943
- The UV O I triplet and H Lyman β pumping in the ζ Aurigae star HR 6902 (Marshall K.P.), **283**, 77
- Rotation of Algol binaries—a line profile model applied to observations (Mukherjee J., Peters G.J., Wilson R.E.), **283**, 613
- EUVE J1429-38.0: an eclipsing polar (Stobie R.S., Okeke P.N., Buckley D.A.H., O'Donoghue D.), **283**, L127

Binaries: general

- On the nature of the high-latitude B-type star CPD-61°455 (Hambly N.C., Dufton P.L., Keenan F.P., Lumsden S.L.), **278**, 811
- The influence of binary stars on dwarf spheroidal galaxy kinematics (Hargreaves J.C., Gilmore G., Annan J.D.), **279**, 108
- Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), **279**, 180
- Tidally induced warps in T Tauri discs—II. A parametric study of spectral energy distributions (Terquem C., Bertout C.), **279**, 415
- Magnetic braking of T Tauri stars (Armitage P.J., Clarke C.J.), **280**, 458
- Fragmentation in a centrally condensed protostar (Burkert A., Bodenheimer P.), **280**, 1190
- Discovery of the optical counterpart to the *ASCA* transient AX 1845.0-0433 (Coe M.J., Fabregat J., Negueruela I., Roche P., Steele I.A.), **281**, 333
- Multiple fragmentation models of centrally condensed molecular cloud cores (Sigalotti L., Di G., Klapp J.), **281**, 449
- The effect of stellar wind on the stability of triple systems (Orlov V.V., Petrova A.V., Ivanova N.S.), **281**, 1326
- The tidally induced warping, precession and truncation of accretion discs in binary systems: three-dimensional simulations (Larwood J.D., Nelson R.P., Papaloizou J.C.B., Terquem C.), **282**, 597
- ROSAT* observations of the binary millisecond pulsar PSR J0751 + 1807 (Becker W., Trümper J., Lundgren S.C., Cordes J.M., Zepka A.F.), **282**, L33
- Scale-free fragmentation models for binary star formation: observational implications (Clarke C.J.), **283**, 353
- Orbital decay of protostellar binaries in molecular clouds (Gorti U., Bhatt H.C.), **283**, 566
- ASCA* observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589

- A stochastic Monte Carlo approach to modelling of real star cluster evolution—I. The model (Spurzem R., Giersz M.), **283**, 805
- ASCA* observations of the iron K complex of Circinus X-1 near zero phase: spectral evidence for partial covering (Brandt W.N., Fabian A.C., Dotani T., Nagase F., Inoue H., Kotani T., Segawa Y.), **283**, 1071
- Magnetic and spin evolution of pulsars (Miri M.J.), **283**, 1214
- Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405
- On the galactic and cosmic merger rate of double neutron stars (van den Heuvel E.P.J., Lorimer D.R.), **283**, L37

Binaries: spectroscopic

- The orbital period of BK Lyncis (PG 0917 + 342) (Ringwald F.A., Thorstensen J.R., Honeycutt R.K., Robertson J.W.), **278**, 125
- V795 Her: an SW Sex star in the period gap? (Casares J., Martínez-Pais I.G., Marsh T.R., Charles P.A., Lázaro C.), **278**, 219
- A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565
- HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153
- Spectroscopic imaging of the secondary star in AM Her (Davey S.C., Smith R.C.), **280**, 481
- ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515
- Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9-6951 from *MACHO* Project photometry (Alcock C. et al.), **280**, L49
- Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg (Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A.), **281**, 1094
- The optical counterpart of the supersoft Small Magellanic Cloud transient pulsar RX J0059.2-7138 (Southwell K.A., Charles P.A.), **281**, L63
- A coordinated campaign on the intermediate polar AE Aqr—I. The system parameters (Casares J., Mouchet M., Martínez-Pais I.G., Harlaftis E.T.), **282**, 182
- An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), **282**, 943
- Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977
- Elemental abundance analyses with *DAO* spectrograms—XIV. The double-lined spectroscopic binary 112 Herculis (Ryabchikova T.A., Zakharova L.A., Adelman S.J.), **283**, 1115
- Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58

Binaries: symbiotic

- Time-resolved high-resolution spectroscopy of CH Cygni: evidence for a magnetic propeller state in 1994 (Tomov T., Kolev D., Munari U., Antov A.), **278**, 542
- N19: an M-type symbiotic star in the Large Magellanic Cloud (Morgan D.H.), **279**, 301
- Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992-94 active phase (Skopal A. et al.), **282**, 327
- Simulations of the Raman-scattered O VI emission lines in symbiotic stars (Schmid H.M.), **282**, 511
- Circumstellar H α from SN 1994D and future Type Ia supernovae: an observational test of progenitor models (Cumming R.J., Lundqvist P., Smith L.J., Pettini M., King D.L.), **283**, 1355

Blue stragglers

- Close approach during hard binary-binary scattering (Bacon D., Sigurdsson S., Davies M.B.), **281**, 830
- A search for detached eclipsing binary systems in the oldest known open cluster NGC 6791 (Rucinski S.M., Kaluzny J., Hilditch R.W.), **282**, 705

Carbon

- A revised period-luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347
- Optical constants of cosmic carbon analogue grains—I. Simulation of clustering by a modified continuous distribution of ellipsoids (Zubko V.G., Mennella V., Colangeli L., Bussoletti E.), **282**, 1321
- On the recent mysterious spectral variations of the post-asymptotic giant branch star FG Sagittae (Iijima T.), **283**, 141

Chemically peculiar

- Is HR 1094 an Ap star? (Hill G.M., Blake C.C.), **278**, 183
The chemical composition of IK Pegasi (Smalley B., Smith K.C., Wonnacott D., Allen C.S.), **278**, 688
ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515
Non-LTE model chromospheres of ζ Aurigae stars (Marshall K.P.), **280**, 977
Wind accretion in binary stars – II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264
The p -mode spectrum of γ Equ (HR 8097) (Martinez P., Weiss W.W., Nelson M.J., Kreidl T.J., Roberts G.R., Mkrtichian D.E., Dorokhov N.I., Dorokhova T.N., Birch P.V.), **282**, 243
Elemental abundances of the mercury–manganese stars HR 89 and 33 Geminorum (Adelman S.J., Philip A.G.D., Adelman C.J.), **282**, 953
The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling (Wallerstein G., Gonzalez G.), **282**, 1236
Elemental abundance analyses with DAO spectrograms – XIV. The double-lined spectroscopic binary 112 Herculis (Ryabchikova T.A., Zakharova L.A., Adelman S.J.), **283**, 1115

Chromospheres

- Non-LTE model chromospheres of ζ Aurigae stars (Marshall K.P.), **280**, 977
The UV O I triplet and H Lyman β pumping in the ζ Aurigae star HR 6902 (Marshall K.P.), **283**, 77

Circumstellar matter

- Submillimetre water masers in circumstellar envelopes – II. Variability (Yates J.A., Cohen R.J.), **278**, 655
Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts (Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F.), **279**, 32
Protostellar envelopes: a clue to the initial conditions of star formation (Bonnell I.A., Bate M.R., Price N.M.), **279**, 121
Tidally induced warps in T Tauri discs – II. A parametric study of spectral energy distributions (Terquem C., Bertout C.), **279**, 415
Optical, infrared and millimetre-wave properties of Vega-like systems (Sylvester R.J., Skinner C.J., Barlow M.J., Mannings V.), **279**, 915
Infrared imaging of late-type stars (Ivezic Z., Elitzur M.), **279**, 1011
Dust emission from IRC + 10216 (Ivezic Z., Elitzur M.), **279**, 1019
Radio observations of PSR B1259–63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), **279**, 1026
Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210
The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaijer R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), **280**, 1062
Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), **280**, 1219
Novel pathways to CN⁺ within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry (Petrie S.), **281**, 137
A submillimetre survey of W49A: support for the cloud–cloud collision model of W49N (Buckley H.D., Ward-Thompson D.), **281**, 294
Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry? (Petrie S.), **281**, 666
Models of highly extended dust shells around R Coronae Borealis (Nagendra K.N., Leung C.M.), **281**, 1139
A revised period–luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347
Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401
Simulations of the Raman-scattered O VI emission lines in symbiotic stars (Schmid H.M.), **282**, 511
Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), **282**, 665
On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), **282**, 807
A self-colliding stellar wind model for SN 1979C (Schwarz D.H., Pringle J.E.), **282**, 1018
Infrared spectroscopy of Nova Cassiopeiae 1993 – I. The pre-dust phase (Evans A., Geballe T.R., Rawlings J.M.C., Scott A.D.), **282**, 1049

- Optical constants of cosmic carbon analogue grains – I. Simulation of clustering by a modified continuous distribution of ellipsoids (Zubko V.G., Mennella V., Colangeli L., Bussoletti E.), **282**, 1321
Chemistry in anisotropic asymptotic giant branch winds (Howe D.A., Millar T.J.), **282**, L21
Optical, infrared and millimetre-wave properties of Vega-like systems – II. Radiative transfer modelling (Sylvester R.J., Skinner C.J.), **283**, 457
Circumstellar H α from SN 1994D and future Type Ia supernovae: an observational test of progenitor models (Cumming R.J., Lundqvist P., Smith L.J., Pettini M., King D.L.), **283**, 1355
10- μ m imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379
Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405
IRAS 06562–0337: the Iron-clad Nebula (Kerber F., Lercher G., Roth M.), **283**, L41
The expansion of the outer circumstellar shell of P Cygni (Meaburn J., López J.A., Barlow M.J., Drew J.E.), **283**, L69
 β Pictoris: its evolutionary status (Brunini A., Benvenuto O.G.), **283**, L84

Coronae

- ROSAT PSPC X-ray spectral survey of W UMa systems (McGale P.A., Pye J.P., Hodgkin S.T.), **280**, 627

Distances

- An expansion parallax for PW Vul (Nova 1984) (Ringwald F.A., Naylor T.), **278**, 808
H I line measurements of pulsars towards the Gum nebula and the Carina arm (Johnston S., Koribalski B., Weisberg J.M., Wilson W.), **279**, 661
On the estimation of distances from trigonometric parallaxes (Smith H., Jr, Eichhorn H.), **281**, 211
CCD astrometry of southern very low-mass stars (Tinney C.G.), **281**, 644
Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089

Early-type

- A differential abundance analysis of the early-type halo star PHL 346 (Ryans R.S.I., Hambly N.C., Dufton P.L., Keenan F.P.), **278**, 132
On the nature of the high-latitude B-type star CPD–61°455 (Hambly N.C., Dufton P.L., Keenan F.P., Lumsden S.L.), **278**, 811
Higher Paschen lines in the spectra of early-type stars (Frémat Y., Houziaux L., Andriat Y.), **279**, 25
Polarization during binary microlensing (Agol E.), **279**, 571
HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153
CCD Strömgren photometry of NGC 2362 (Balona L.A., Laney C.D.), **281**, 1341
Elemental abundances of the B and A stars – III. Gamma Geminorum, HR 1397, HR 2154, HD 60825 and 7 Sextantis (Adelman S.J., Philip A.G.D.), **282**, 1181
The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119
ASCA observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589

Emission-line, Be

- Radio observations of PSR B1259–63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), **279**, 1026
On the rotational velocities of Be and Be-shell stars (Porter J.M.), **280**, L31
Discovery of the optical counterpart to the ASCA transient AX 1845.0–0433 (Coe M.J., Fabregat J., Negueruela I., Roche P., Steele I.A.), **281**, 333
Slingshot prominences during dwarf nova outbursts? (Steehds D., Horne K., Marsh T.R., Donati J.F.), **281**, 626
The optical counterpart of the supersoft Small Magellanic Cloud transient pulsar RX J0059.2–7138 (Southwell K.A., Charles P.A.), **281**, L63

The emission-line spectrum of the hot R Coronae Borealis star MV Sgr (Pandey G., Kameswara Rao N., Lambert D.L.), **282**, 889

Evolution

- The M5 RR Lyrae population (Reid N.), **278**, 367
Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
Evolution of DB white dwarfs in the Canuto & Mazzitelli theory of convection (Althaus L.G., Benvenuto O.G.), **278**, 981
Evolutionary scenarios for double degenerate systems (Sarna M.J., Marks P.B., Smith R.C.), **279**, 88
An analytic approach to the secular evolution of cataclysmic variables (Stehle R., Ritter H., Kolb U.), **279**, 581
Preliminary spectral analysis of SN 1994I (Baron E., Hauschildt P.H., Branch D., Kirshner R.P., Filippenko A.V.), **279**, 799
Optical, infrared and millimetre-wave properties of Vega-like systems (Sylvester R.J., Skinner C.J., Barlow M.J., Mannings V.), **279**, 915
UZ Leo and CV Cyg: two evolved contact binaries (Vinkó J., Hegedüs T., Hendry P.D.), **280**, 489
An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sarna M.J.), **280**, 1000
The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaier R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), **280**, 1062
Hydrodynamic motions and neutrino emissivity of neutron stars (Urpin V.A., Shalybkov D.A.), **281**, 145
A population synthesis study of low-mass X-ray binary systems (Terman J.L., Taam R.E., Savage C.O.), **281**, 552
Physics of the blue-to-red and red-to-blue transitions in the evolution of massive stars – I. From blue to red (Ritossa C.), **281**, 970
Polytropic gas spheres: an approximate analytic solution of the Lane–Emden equation (Liu F.K.), **281**, 1197
Erratum: The M5 RR Lyrae population (Reid N.), **282**, 304
W Corvi, a contact binary with a large temperature difference (Odell A.P.), **282**, 373
Neutron star magnetic field dynamics and its evolution (Kebede L.W.), **282**, 845
Ages of globular clusters: a new approach (Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B.), **282**, 926
The age of cataclysmic variables (Kolb U., Stehle R.), **282**, 1454
Non-local thermodynamic equilibrium effects in modelling of supernovae near maximum light (Baron E., Hauschildt P.H., Nugent P., Branch D.), **283**, 297
Optical, infrared and millimetre-wave properties of Vega-like systems – II. Radiative transfer modelling (Sylvester R.J., Skinner C.J.), **283**, 457
An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kerner P.J., Krauss L.M., Sarajedini A.), **283**, 683
Double-diffusive mixing-length theory, semiconvection and massive star evolution (Grossman S.A., Taam R.E.), **283**, 1165
On the ephemeris of the pulsating hydrogen-deficient star V652 Her (Kilkenny D., Lynas-Gray A.E., Roberts G.), **283**, 1349
 β Lictoris: its evolutionary status (Brunini A., Benvenuto O.G.), **283**, 184

Formation

- Energetics of star–disc encounters in the non-linear regime (Hall S.M., Clarke C.J., Pringle J.E.), **278**, 303
Polarimetry of young stellar objects – I. Linear polarization of GSS 30 (Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449
The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829
Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts (Clarke C.J., Syer D.), **278**, L23
The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1
A new survey for 6.6-GHz methanol masers (Caswell J.L.), **279**, 79
Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101
Protostellar envelopes: a clue to the initial conditions of star formation (Bonnell I.A., Bate M.R., Price N.M.), **279**, 121
The chemistry of core collapse in TMC1 (Howe D.A., Taylor S.D., Williams D.A.), **279**, 143
Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389

- Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847
RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866
Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083
Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210
Magnetic reconnection and star formation in molecular clouds (Lubow S.H., Pringle J.E.), **279**, 1251
Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67
A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $0^\circ53$ (Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), **280**, 378
Variable hydroxyl and methanol masers in G 351.78–0.54 (MacLeod G.C., Gaylard M.J.), **280**, 868
The chemical evolution of a galactic disc with infall and radial motions – II. Departures from centrifugal equilibrium (Pitts E., Tayler R.J.), **280**, 1101
Fragmentation in a centrally condensed protostar (Burkert A., Bodenheimer P.), **280**, 1190
Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), **280**, 1219
High gas densities in OMC1–North protostar candidates (Greaves J.S.), **280**, 1293
A submillimetre survey of W49A: support for the cloud–cloud collision model of W49N (Buckley H.D., Ward-Thompson D.), **281**, 294
Multiple fragmentation models of centrally condensed molecular cloud cores (Sigalotti L. Di G., Klapp J.), **281**, 449
A global model of protostellar bipolar outflow – I (Fiege J.D., Henriksen R.N.), **281**, 1038
A global model of protostellar bipolar outflow – II (Fiege J.D., Henriksen R.N.), **281**, 1055
Evidence for protostellar infall in NGC 1333–IRAS2 (Ward-Thompson D., Buckley H.D., Greaves J.S., Holland W.S., André P.), **281**, L53
A search for rapid variability in T Tauri stars (Smith K.W., Jones D.H.P., Clarke C.J.), **282**, 167
Self-gravitating disc-like magnetic gas clouds (Barker D.M., Mestel L.), **282**, 317
Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401
Radio observations in NH_3 and C_2S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587
A comment on ‘Chemical evolution in circumstellar structure of B5 IRS1’ by Kelly, Macdonald & Millar (Williams D.A., Hartquist T.W., Caselli P.), **282**, 900
Limits on H α emission from young galaxies (Collins C.A., Parkes I.M., Joseph R.D.), **282**, 903
Viscous damping in self-gravitating accretion discs (Drimmel R.), **282**, 982
Precessing jets and molecular outflows: a 3D numerical study (Cliffe J.A., Frank A., Jones T.W.), **282**, 1114
Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418
Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55
Scale-free fragmentation models for binary star formation: observational implications (Clarke C.J.), **283**, 353
A new model of the structure of spiral galaxies based on propagating star formation – II. The effect of a spiral density wave (Sleath J.P., Alexander P.), **283**, 358
Orbital decay of protostellar binaries in molecular clouds (Gorti U., Bhatt H.C.), **283**, 566
A Galactic Centre survey for 6.6-GHz methanol masers (Caswell J.L.), **283**, 606
Star formation and the singular isothermal sphere (Whitworth A.P., Bhattal A.S., Francis N., Watkins S.J.), **283**, 1061
High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388

Fundamental parameters

- Contribution functions and the depths of formation of spectral lines in Cepheids (Albrow M.D., Cottrell P.L.), **278**, 337
- Noise-induced bias in magnitude determinations (Clarke D.), **278**, 635
- Higher Paschen lines in the spectra of early-type stars (Frémat Y., Houziaux L., Andriat Y.), **279**, 25
- On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380
- Spectral analysis of M dwarfs (Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H.), **280**, 77
- HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153
- Spectroscopic imaging of the secondary star in AM Her (Davey S.C., Smith R.C.), **280**, 481
- The binary Cepheid W Sgr (Albrow M.D., Cottrell P.L.), **280**, 917
- Zero-age main-sequence radii and luminosities as analytic functions of mass and metallicity (Tout C.A., Pols O.R., Eggleton P.P., Han Z.), **281**, 257
- The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1
- The system parameters of the polars MR Ser and ST LMi (Shahbaz T., Wood J.H.), **282**, 362
- On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud (Wood P.R., Sebo K.M.), **282**, 958
- More on noise-induced bias in magnitude determinations (Koen C., Menzies J.), **283**, 222
- Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), **283**, 821
- The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830

General

- Star/galaxy classification using Kohonen self-organizing maps (Miller A.S., Coe M.J.), **279**, 293
- An early-time infrared and optical study of the Type Ia supernovae SN 1994D and 1991T (Meikle W.P.S. et al.), **281**, 263
- Existence of non-axisymmetric polytropes sustained by internal motions (Uryū K., Eriguchi Y.), **282**, 653
- Stellar evolutionary tracks for low-mass stars (Jimenez R., MacDonald J.), **283**, 721

Hertzsprung–Russell (HR) diagram

- An improved HR diagram for Chamaeleon I pre-main-sequence stars (Lawson W.A., Feigelson E.D., Huenemoerder D.P.), **280**, 1071
- Zero-age main-sequence radii and luminosities as analytic functions of mass and metallicity (Tout C.A., Pols O.R., Eggleton P.P., Han Z.), **281**, 257
- CCD photometry of the old open cluster Collinder 261 (Gozzoli E., Tosi M., Marconi G., Bragaglia A.), **283**, 66
- UBV(RI)_C photometry and spectroscopy of the young open cluster Haffner 19 (Munari U., Carraro G.), **283**, 905

Horizontal branch

- Elemental abundances of field horizontal branch stars – IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285
- Ages of globular clusters: a new approach (Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B.), **282**, 926

Imaging

- 10- μ m imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379

Individual: AE Aqr

- A coordinated campaign on the intermediate polar AE Aqr – I. The system parameters (Casares J., Mouchet M., Martínez-Pais I.G., Harlaftis E.T.), **282**, 182

Individual: FO Aqr

- On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937

Individual: UU Aqr

- Multicolour eclipse studies of UU Aquarii – II. The accretion disc (Baptista R., Steiner J.E., Horne K.), **282**, 99

Individual: V603 Aql

- The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873

Individual: XY Ari

- Infrared photometry of the intermediate polar XY Arietis (H0253 + 193) (Allan A., Hellier C., Ramseyer T.F.), **282**, 699

Individual: V398 Aur

- Mode identification of the slowly pulsating F0V star V398 Aurigae (9 Aur) (Aerts C., Krisciunas K.), **278**, 877

Individual: η Boo (HR 5235)

- Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbuy B.), **280**, 1155

Individual: Z Cam

- Z Cam in outburst during the *ROSAT* All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeffermann E.), **283**, 101

Individual: BG CMI

- Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940
- Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101
- On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937

Individual: OY Car

- Superhumps and ultraviolet superdips: *HST* observations of OY Car (Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M.), **279**, 1274

Individual: Nova Cas (V705 Cas)

- Infrared spectroscopy of Nova Cassiopeiae 1993 – I. The pre-dust phase (Evans A., Geballe T.R., Rawlings J.M.C., Scott A.D.), **282**, 1049

Individual: α Cen A (HR 5459)

- Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbuy B.), **280**, 1155

Individual: V553 Cen

- The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling (Wallerstein G., Gonzalez G.), **282**, 1236

Individual: κ Cephei

- Elemental abundance analyses with DAO spectrograms – XV. The superficially normal late B-type and early A-type stars Merak, π Draconis and κ Cephei (Adelman S.J.), **280**, 130

Individual: DI Cep

- Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55

Individual: Cir X-1

- ASCA* observations of the iron K complex of Circinus X-1 near zero phase: spectral evidence for partial covering (Brandt W.N., Fabian A.C., Dotani T., Nagase F., Inoue H., Kotani T., Segawa Y.), **283**, 1071

Individual: R Coronae Borealis

- Models of highly extended dust shells around R Coronae Borealis (Nagendra K.N., Leung C.M.), **281**, 1139

Individual: TV Crv

- Photometric superoutburst observations of the short-period dwarf nova TV Corvi (Howell S.B., Reyes A.L., Ashley R., Harrop-Allin M.K., Warner B.), **282**, 623

Individual: W Crv

- W Crv, a contact binary with a large temperature difference (Odell A.P.), **282**, 373

Individual: 32 Cyg

The polarimetric variability of 32 Cyg during its 1993 October eclipse (Fox G.K., Griscom L.), **278**, 975

Individual: CH Cyg

Time-resolved high-resolution spectroscopy of CH Cygni: evidence for a magnetic propeller state in 1994 (Tomov T., Kolev D., Munari U., Antov A.), **278**, 542

Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992–94 active phase (Skopal A. et al.), **282**, 327

Individual: CV Cyg

UZ Leo and CV Cyg: two evolved contact binaries (Vinkó J., Hegedüs T., Hendry P.D.), **280**, 489

Individual: P Cygni

The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119

The expansion of the outer circumstellar shell of P Cygni (Meaburn J., López J.A., Barlow M.J., Drew J.E.), **283**, L69

Individual: SS Cyg

Slingshot prominences during dwarf nova outbursts? (Steehls D., Horne K., Marsh T.R., Donati J.F.), **281**, 626

The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873

Individual: V404 Cyg

Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg (Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A.), **281**, 1094

Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977

Individual: V1974 Cyg

Nova Cygni 1992 (V1974 Cygni): MERLIN observations from 1992 to 1994 (Eyles S.P.S., Davis R.J., Bode M.F.), **279**, 249

Individual: Cyg X-3

The probable mass of the companion in Cygnus X-3 (Mitra A.), **280**, 953

Flaring and quiescent infrared behaviour of Cygnus X-3 (Fender R.P., Bell Burnell S.J., Williams P.M., Webster A.S.), **283**, 798

Individual: Nova Cygni 1992

Nova Cygni 1992 (V1974 Cygni): MERLIN observations from 1992 to 1994 (Eyles S.P.S., Davis R.J., Bode M.F.), **279**, 249

Individual: γ Dor

Line profile variations in γ Doradus (Balona L.A., Böhm T., Foing B.H., Ghosh K.K., Janot-Pacheco E., Krisciunas K., Lagrange A.-M., Lawson W.A., James S.D., Baudrand J., Catala C., Dreux M., Felenbok P., Hearnshaw J.B.), **281**, 1315

Individual: AA Dor

On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380

Individual: π Draconis

Elemental abundance analyses with DAO spectrograms – XV. The superficially normal late B-type and early A-type stars Merak, π Draconis and α Cephei (Adelman S.J.), **280**, 130

Individual: EF Eri

The magnetic fields of EF Eridani and BL Hydri (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218

Individual: UZ For

A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285

Individual: 33 Gem

Elemental abundances of the mercury–manganese stars HR 89 and 33 Geminorum (Adelman S.J., Philip A.G.D., Adelman C.J.), **282**, 953

Individual: 112 Her

Elemental abundance analyses with DAO spectrograms – XIV. The double-lined spectroscopic binary 112 Herculis (Ryabchikova T.A., Zakharova L.A., Adelman S.J.), **283**, 1115

Individual: AM Her

A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285

Spectroscopic imaging of the secondary star in AM Her (Davey S.C., Smith R.C.), **280**, 481

Individual: V652 Her

Non-linear radial pulsation models for extreme helium stars: application to V652 Her (BD + 13°3224) (Fadeyev Yu.A., Lynas-Gray A.E.), **280**, 427

On the ephemeris of the pulsating hydrogen-deficient star V652 Her (Kilkenny D., Lynas-Gray A.E., Roberts G.), **283**, 1349

Individual: V795 Her

V795 Her: an SW Sex star in the period gap? (Casares J., Martínez-Pais I.G., Marsh T.R., Charles P.A., Lázaro C.), **278**, 219

Individual: Nova Herculis 1991

Optical and ultraviolet spectrophotometry of the ONeMg Nova V838 Herculis 1991 (Vanlandingham K.M., Starrfield S., Wagner R.M., Shore S.N., Sonneborn G.), **282**, 563

Individual: BL Hyi

A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285

The magnetic fields of EF Eridani and BL Hydri (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218

Individual: 16 (EN) Lac

An explanation of the long-term behaviour of the pulsation amplitudes of the β Cephei star 16 (EN) Lacertae (Jerzykiewicz M., Pigulski A.), **282**, 853

Individual: UZ Leo

UZ Leo and CV Cyg: two evolved contact binaries (Vinkó J., Hegedüs T., Hendry P.D.), **280**, 489

Individual: ST LMi

The system parameters of the polars MR Ser and ST LMi (Shahbaz T., Wood J.H.), **282**, 362

Individual: BK Lyn

The orbital period of BK Lyncis (PG 0917 + 342) (Ringwald F.A., Thorstensen J.R., Honeycutt R.K., Robertson J.W.), **278**, 125

Individual: Nova Mus 1991

Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191

Individual: ζ Oph

Ultra-high-resolution measurements of the intrinsic line profiles of interstellar C₂ towards ζ Ophiuchi and HD 169454 (Crawford I.A., Barlow M.J.), **280**, 863

Individual: IK Peg A

The chemical composition of IK Pegasi (Smalley B., Smith K.C., Wonnacott D., Allen C.S.), **278**, 688

Individual: IP Peg

Slingshot prominences during dwarf nova outbursts? (Steehls D., Horne K., Marsh T.R., Donati J.F.), **281**, 626

Individual: GK Per

Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58

Individual: β Pic

β Pictoris: its evolutionary status (Brunini A., Benvenuto O.G.), **283**, L84

Individual: AO Psc

The X-ray spectrum of the intermediate polar AO Piscium (Hellier C., Mukai K., Ishida M., Fujimoto R.), **280**, 877

On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937

Individual: ST Pup

ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515

Individual: VV Pup

A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285

Individual: Nova Puppis 1991

Nova V351 Puppis 1991: a multiwavelength study of the nebular phase (Saizar P., Pachoulakis I., Shore S.N., Starrfield S., Williams R.E., Rothschild E., Sonneborn G.), **279**, 280

Individual: MR Ser

The system parameters of the polars MR Ser and ST LMi (Shahbaz T., Wood J.H.), **282**, 362

Individual: FG Sge

On the recent mysterious spectral variations of the post-asymptotic giant branch star FG Sagittae (Iijima T.), **283**, 141

Individual: WY Sge

Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845

Individual: μ Sgr

Molecular rotational contour fitting of ultra-high-resolution profiles of diffuse interstellar bands (Kerr T.H., Hibbins R.E., Miles J.R., Fossey S.J., Somerville W.B., Sarre P.J.), **283**, L105

Individual: MV Sgr

The emission-line spectrum of the hot R Coronae Borealis star MV Sgr (Pandey G., Kameswara Rao N., Lambert D.L.), **282**, 889

Individual: V1223 Sgr

On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937

Individual: W Sgr

The binary Cepheid W Sgr (Albrow M.D., Cottrell P.L.), **280**, 917

Individual: QS Tel (RE 1938-461)

Accretion mode changes in QS Tel (RE 1938-461): *EUVE*, *ROSAT* and optical observations (Rosen S.R., Mittaz J.P.D., Buckley D.A., Layden A.C., Clayton K.L., McCain C., Wynn G.A., Sirk M.M., Osborne J.P., Watson M.G.), **280**, 1121

Individual: UX UMa

The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873

Individual: Nova Vela 1993

An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009-45) (Shahbaz T., van der Hooft F., Charles P.A., Casares J., van Paradijs J.), **282**, L47

Individual: γ^2 Vel

ASCA observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589

Individual: KV Vel

On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380

Individual: HW Vir

On the reflection effect in three sdOB binary stars (Hilditch R.W., Harries T.J., Hill G.), **279**, 1380

Individual: PW Vul

An expansion parallax for PW Vul (Nova 1984) (Ringwald F.A., Naylor T.), **278**, 808

Evolution of the 1-4 μ m spectrum of Nova PW Vulpeculae 1984 (Williams P.M., Longmore A.J., Geballe T.R.), **279**, 804

Individual: Nova Vul 1984 No. 1

An expansion parallax for PW Vul (Nova 1984) (Ringwald F.A., Naylor T.), **278**, 808

Individual: CPD-61°455

On the nature of the high-latitude B-type star CPD-61°455 (Hambly N.C., Dufton P.L., Keenan F.P., Lumsden S.L.), **278**, 811

Individual: EUVE J1429-38.0

EUVE J1429-38.0: an eclipsing polar (Stobie R.S., Okeke P.N., Buckley D.A.H., O'Donoghue D.), **283**, L127

Individual: GD 394

Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394 (Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W.), **279**, 1120

Individual: GD 448

A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565

Individual: GRO J0422 + 32

Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191

Individual: GS 2000 + 25

The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1

Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191

Individual: HD 6532

The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations - V. An improved rotation period for the dipole pulsator HD 6532 (Kurtz D.W., Marang F., van Wyk F., Roberts G.), **280**, 1

The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532 (Kurtz D.W., Martinez P., Koen C., Sullivan D.J.), **281**, 883

Individual: HD 50896

The H I distribution in the environment of the WR star HD 50896 (Arnal E.M., Cappa C.E.), **279**, 788

Individual: HD 74721

Elemental abundances of field horizontal branch stars - IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285

Individual: HD 86986

Elemental abundances of field horizontal branch stars - IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285

Individual: HD 93329

Elemental abundances of field horizontal branch stars - IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285

Individual: HD 159176

HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153

Individual: HD 165141

Wind accretion in binary stars - II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264

Individual: HD 169454

Ultra-high-resolution measurements of the intrinsic line profiles of interstellar C₂ towards ζ Ophiuchi and HD 169454 (Crawford I.A., Barlow M.J.), **280**, 863

Individual: HD 179821 = IRAS 19114 + 0002

The chemical composition of the protoplanetary nebula candidate HD

179821 (Začs L., Klochkova V.G., Panchuk V.E., Spelmanis R.), 282, 1171

Individual: HR 89

Elemental abundances of the mercury–manganese stars HR 89 and 33 Geminorum (Adelman S.J., Philip A.G.D., Adelman C.J.), 282, 953

Individual: HR 1094

Is HR 1094 an Ap star? (Hill G.M., Blake C.C.), 278, 183

Individual: HR 1099

Extended multifrequency observations of radio emission from the RS CVn binary HR 1099 (Jones K.L., Brown A., Stewart R.T., Slee O.B.), 283, 1331

Individual: HR 6902

The UV O I triplet and H Lyman β pumping in the ζ Aurigae star HR 6902 (Marshall K.P.), 283, 77

Individual: HR 8097

The p -mode spectrum of γ Equ (HR 8097) (Martinez P., Weiss W.W., Nelson M.J., Kreidl T.J., Roberts G.R., Mkrtchian D.E., Dorokhov N.I., Dorokhova T.N., Birch P.V.), 282, 243

Individual: HS 1804 + 6753

The eclipsing dwarf nova HS 1804 + 6753 (Billington I., Marsh T.R., Dhillon V.S.), 278, 673

Individual: IE 0830.9–2238 (Pyx2)

IE 0830.9–2238 (Pyx2): a new intermediate polar (O'Donoghue D., Koen C., Kilkeny D.), 278, 1075

Individual: IRC + 10216

Dust emission from IRC + 10216 (Ivezić Ž., Elitzur M.), 279, 1019
On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), 282, 807
Chemistry in anisotropic asymptotic giant branch winds (Howe D.A., Millar T.J.), 282, L21

Individual: IRC + 10420

The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaijer R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), 280, 1062

Individual: L1551-IRS 5

Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), 280, 1219

Individual: Merak

Elemental abundance analyses with DAO spectrograms – XV. The superficially normal late B-type and early A-type stars Merak, π Draconis and α Cephei (Adelman S.J.), 280, 130

Individual: N19

N19: an M-type symbiotic star in the Large Magellanic Cloud (Morgan D.H.), 279, 301

Individual: PG 0308 + 096

Photometry of the post-common-envelope binary PG 0308 + 096 (Somers M.W., Lockley J.J., Naylor T., Wood J.H.), 280, 1277

Individual: PG 0859 + 415

An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), 282, 943

Individual: PG 0917 + 342

The orbital period of BK Lyncis (PG 0917 + 342) (Ringwald F.A., Thorstensen J.R., Honeycutt R.K., Robertson J.W.), 278, 125

Individual: PHL 346

A differential abundance analysis of the early-type halo star PHL 346 (Ryans R.S.I., Hambly N.C., Dufton P.L., Keenan F.P.), 278, 132

Individual: 2RE J0241–525

2RE J0241–525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), 281, 1001

Individual: RE J1844–74

Optical polarization and X-ray data on the AM Her star RE J1844–74 (Ramsay G., Cropper M., Wu K., Potter S.), 282, 726

Individual: RX J0513.9–6951

Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9–6951 from MACHO Project photometry (Alcock C. et al.), 280, L49

Individual: RX J0558.0 + 5353

The spin period of the intermediate polar RX J0558 + 53 (Allan A., Horne K., Hellier C., Mukai K., Barwig H., Bennie P.J., Hilditch R.W.), 279, 1345

Individual: RX J075109.7 + 180736

ROSAT observations of the binary millisecond pulsar PSR J0751 + 1807 (Becker W., Trümper J., Lundgren S.C., Cordes J.M., Zepka A.F.), 282, L33

Individual: SS 2883

Radio observations of PSR B1259–63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), 279, 1026

Individual: VB 10

CCD astrometry of southern very low-mass stars (Tinney C.G.), 281, 644
Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), 283, 821

Individual: WR 146

Multifrequency observations of the Wolf–Rayet star WR 146: another colliding-wind binary? (Dougherty S.M., Williams P.M., van der Hucht K.A., Bode M.F., Davis R.J.), 280, 963

Individual: Wra 220

Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), 279, 1191

Individual: X1850–087

Periodic UV modulation of X1850–087: a double degenerate binary in the globular cluster NGC 6712? (Homer L., Charles P.A., Naylor T., van Paradijs J., Aurière M., Koch-Miramond L.), 282, L37

Interiors

A theory of non-local mixing-length convection – III. Comparing theory and numerical experiment (Grossman S.A.), 279, 305
On hydrodynamic stability of weakly magnetized stellar radiative zones (Urpin V.A.), 280, 149
Hydrodynamic motions and neutrino emissivity of neutron stars (Urpin V.A., Shalybkov D.A.), 281, 145
Physics of the blue-to-red and red-to-blue transitions in the evolution of massive stars – I. From blue to red (Ritossa C.), 281, 970
Existence of non-axisymmetric polytropes sustained by internal motions (Uryū K., Eriguchi Y.), 282, 653
An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kernan P.J., Krauss L.M., Sarajedini A.), 283, 683
Double-diffusive mixing-length theory, semiconvection and massive star evolution (Grossman S.A., Taam R.E.), 283, 1165

Kinematics

A differential abundance analysis of the early-type halo star PHL 346 (Ryans R.S.I., Hambly N.C., Dufton P.L., Keenan F.P.), 278, 132
The rotation curve of the Galaxy obtained from planetary nebulae and AGB stars (Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J.), 281, 339
Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), 282, 665
The age of cataclysmic variables (Kolb U., Stehle R.), 282, 1454

Late-type

Submillimetre water masers in circumstellar envelopes – II. Variability (Yates J.A., Cohen R.J.), 278, 655
Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), 279, 180
The metallicity distribution of G dwarfs in the solar neighbourhood (Rocha-Pinto H.J., Maciel W.J.), 279, 447

- Infrared imaging of late-type stars (Ivezic Ž., Elitzur M.), **279**, 1011
 Dust emission from IRC + 10216 (Ivezic Ž., Elitzur M.), **279**, 1019
 Spectral analysis of M dwarfs (Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H.), **280**, 77
 2RE J0241-525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), **281**, 1001
 Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), **282**, 665
 On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud (Wood P.R., Sebo K.M.), **282**, 958
- Low-mass, brown dwarfs**
 A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565
 Spectral analysis of M dwarfs (Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H.), **280**, 77
 Photometry of the post-common-envelope binary PG 0308 + 096 (Somers M.W., Lockley J.J., Naylor T., Wood J.H.), **280**, 1277
 CCD astrometry of southern very low-mass stars (Tinney C.G.), **281**, 644
 HST star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871
 A consistent microlensing model for the Galactic bar (Zhao H., Rich R.M., Spergel D.N.), **282**, 175
 Stellar evolutionary tracks for low-mass stars (Jimenez R., MacDonald J.), **283**, 721
 Analysis of Keck high-resolution spectra of VB 10 (Schweitzer A., Hauschildt P.H., Allard F., Basri G.), **283**, 821
- Luminosity function, mass function**
 Spectral analysis of M dwarfs (Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H.), **280**, 77
 An improved HR diagram for Chamaeleon I pre-main-sequence stars (Lawson W.A., Feigelson E.D., Huenemoerder D.P.), **280**, 1071
 HST photometry of 47 Tuc and analysis of the stellar luminosity function in Milky Way clusters (Santiago B.X., Elson R.A.W., Gilmore G.F.), **281**, 1363
 Star counts in the *Hubble Deep Field*: constraining galactic structure models (Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J.), **283**, 666
- Magnetic fields**
 Is HR 1094 an Ap star? (Hill G.M., Blake C.C.), **278**, 183
 A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285
 Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
 Are there any isolated old neutron stars in the *ROSAT* Wide Field Camera survey? (Manning R.A., Jeffries R.D., Willmore A.P.), **278**, 577
 Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940
 Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101
 Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39
 On hydrodynamic stability of weakly magnetized stellar radiative zones (Urpin V.A.), **280**, 149
 Magnetic braking of T Tauri stars (Armitage P.J., Clarke C.J.), **280**, 458
 Slingshot prominences during dwarf nova outbursts? (Steehgs D., Horne K., Marsh T.R., Donati J.F.), **281**, 626
 Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
 Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761
 The magnetic fields of EF Eridani and BL Hydr (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218
 Optical polarization and X-ray data on the AM Her star RE J1844-74 (Ramsay G., Cropper M., Wu K., Potter S.), **282**, 726
 Neutron star magnetic field dynamics and its evolution (Kebede L.W.), **282**, 845
 Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55
 Photospheric convection in strong magnetic fields (Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E.), **283**, 1153
 The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63
- Mass-loss**
 Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts (Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F.), **279**, 32
 An analytic approach to the secular evolution of cataclysmic variables (Stehle R., Ritter H., Kolb U.), **279**, 581
 RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866
 Breaking the sound barrier in recombination fronts (Williams R.J.R., Dyson J.E.), **279**, 987
 Dust emission from IRC + 10216 (Ivezic Ž., Elitzur M.), **279**, 1019
 Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39
 HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling (Pachoulakis I.), **280**, 153
 Mid-infrared properties of globular clusters using the *IRAS* data base (Origlia L., Ferraro F.R., Fusi Pecci F.), **280**, 572
 Clumpy ultracompact H II regions – II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661
 Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars (Williams R.J.R., Dyson J.E., Redman M.P.), **280**, 667
 Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
 The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaier R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), **280**, 1062
 Wind accretion in binary stars – II. Accretion rates (Theuns T., Boffin H.M.J., Jorissen A.), **280**, 1264
 A revised period-luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347
 Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), **281**, 1352
 Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992–94 active phase (Skopal A. et al.), **282**, 327
 Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), **282**, 665
 Ages of globular clusters: a new approach (Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B.), **282**, 926
 An accretion model for the eclipsing cataclysmic variable PG 0859 + 415 (Still M.D.), **282**, 943
 A self-colliding stellar wind model for SN 1979C (Schwarz D.H., Pringle J.E.), **282**, 1018
 The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119
 ASCA observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589
 On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811
 Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405
 Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58
 The expansion of the outer circumstellar shell of P Cygni (Meaburn J., López J.A., Barlow M.J., Drew J.E.), **283**, L69
- Neutron**
 Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
 Are there any isolated old neutron stars in the *ROSAT* Wide Field Camera survey? (Manning R.A., Jeffries R.D., Willmore A.P.), **278**, 577

- Coronal gamma-ray bursts as the sources of ultra-high-energy cosmic rays? (Vietri M.), **278**, L1
- The response of tidally heated stars (Podsiadlowski Ph.), **279**, 1104
- Retention fractions for globular cluster neutron stars (Drukier G.A.), **280**, 498
- Space-time modes of relativistic stars (Andersson N., Kokkotas K.D., Schutz B.F.), **280**, 1230
- Hydrodynamic motions and neutrino emissivity of neutron stars (Urpin V.A., Shalybkov D.A.), **281**, 145
- A population synthesis study of low-mass X-ray binary systems (Terman J.L., Taam R.E., Savage C.O.), **281**, 552
- Polytropic gas spheres: an approximate analytic solution of the Lane-Emden equation (Liu F.K.), **281**, 1197
- A giant glitch in PSR B1757-24 (Lyne A.G., Kaspi V.M., Bailes M., Manchester R.N., Taylor H., Arzoumanian Z.), **281**, L14
- A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41
- Observations of pulsar glitches (Shemar S.L., Lyne A.G.), **282**, 677
- Neutron star magnetic field dynamics and its evolution (Kebede L.W.), **282**, 845
- Ohmic decay of magnetic flux expelled from neutron star interiors (Bhattacharya D., Datta B.), **282**, 1059
- An atlas of optical continuum and line emission from low-mass X-ray binaries (Shahbaz T., Smale A.P., Naylor T., Charles P.A., van Paradijs J., Hassall B.J.M., Callanan P.), **282**, 1437
- ROSAT observations of the binary millisecond pulsar PSR J0751 + 1807 (Becker W., Trümper J., Lundgren S.C., Cordes J.M., Zepka A.F.), **282**, L33
- ASCA observations of the iron K complex of Circinus X-1 near zero phase: spectral evidence for partial covering (Brandt W.N., Fabian A.C., Dotani T., Nagase F., Inoue H., Kotani T., Segawa Y.), **283**, 1071
- Magnetic and spin evolution of pulsars (Miri M.J.), **283**, 1214
- On the galactic and cosmic merger rate of double neutron stars (van den Heuvel E.P.J., Lorimer D.R.), **283**, L37
- The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63
- ### Novae, cataclysmic variables
- The orbital period of BK Lynx (PG 0917 + 342) (Ringwald F.A., Thorstensen J.R., Honeycutt R.K., Robertson J.W.), **278**, 125
- V795 Her: an SW Sex star in the period gap? (Casares J., Martinez-Pais I.G., Marsh T.R., Charles P.A., Lázaro C.), **278**, 219
- A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565
- The eclipsing dwarf nova HS 1804 + 6753 (Billington I., Marsh T.R., Dhillon V.S.), **278**, 673
- An expansion parallax for PW Vul (Nova 1984) (Ringwald F.A., Naylor T.), **278**, 808
- Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845
- IE 0830.9-2238 (Pyx2): a new intermediate polar (O'Donoghue D., Koen C., Kilkeny D.), **278**, 1075
- Accretion disc radii in eclipsing cataclysmic variables (Harrop-Allin M.K., Warner B.), **279**, 219
- Nova Cygni 1992 (V1974 Cygni): MERLIN observations from 1992 to 1994 (Eyles S.P.S., Davis R.J., Bode M.F.), **279**, 249
- Nova V351 Puppis 1991: a multiwavelength study of the nebular phase (Saizar P., Pachoulakis I., Shore S.N., Starrfield S., Williams R.E., Rothschild E., Sonneborn G.), **279**, 280
- SPH simulations of tidally unstable accretion discs in cataclysmic variables (Murray J.R.), **279**, 402
- An analytic approach to the secular evolution of cataclysmic variables (Stehle R., Ritter H., Kolb U.), **279**, 581
- Evolution of the 1-4 μ m spectrum of Nova PW Vulpeculae 1984 (Williams P.M., Longmore A.J., Geballe T.R.), **279**, 804
- Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940
- Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101
- Superhumps and ultraviolet superdips: HST observations of OY Car (Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M.), **279**, 1274
- The spin period of the intermediate polar RX J0558 + 53 (Allan A., Horne K., Hellier C., Mukai K., Barwig H., Bennie P.J., Hilditch R.W.), **279**, 1345
- Spectroscopic imaging of the secondary star in AM Her (Davey S.C., Smith R.C.), **280**, 481
- The X-ray spectrum of the intermediate polar AO Piscium (Hellier C., Mukai K., Ishida M., Fujimoto R.), **280**, 877
- On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937
- Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses (Tutukov A., Yungelson L.), **280**, 1035
- Accretion mode changes in QS Tel (RE 1938-461): EUVE, ROSAT and optical observations (Rosen S.R., Mitz J.P.D., Buckley D.A., Layden A.C., Clayton K.L., McCain C., Wynn G.A., Sirk M.M., Osborne J.P., Watson M.G.), **280**, 1121
- The optical spectra of old novae (Ringwald F.A., Naylor T., Mukai K.), **281**, 192
- Slingshot prominences during dwarf nova outbursts? (Steechs D., Horne K., Marsh T.R., Donati J.F.), **281**, 626
- The EUV transient RE J1255 + 266 (Watson M.G., Marsh T.R., Fender R.P., Barstow M.A., Still M., Page M., Dhillon V.S., Beardmore A.P.), **281**, 1016
- Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves (Knigge C., Drew J.E.), **281**, 1352
- Multicolour eclipse studies of UU Aquarii - II. The accretion disc (Baptista R., Steiner J.E., Horne K.), **282**, 99
- A coordinated campaign on the intermediate polar AE Aqr - I. The system parameters (Casares J., Mouchet M., Martinez-Pais I.G., Harlaftis E.T.), **282**, 182
- The magnetic fields of EF Eridani and BL Hydri (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218
- The system parameters of the polars MR Ser and ST LMi (Shahbaz T., Wood J.H.), **282**, 362
- Optical and ultraviolet spectrophotometry of the ONeMg Nova V838 Herculis 1991 (Vanlandingham K.M., Starrfield S., Wagner R.M., Shore S.N., Sonneborn G.), **282**, 563
- Photometric superoutburst observations of the short-period dwarf nova TV Corvi (Howell S.B., Reyes A.L., Ashley R., Harrop-Allin M.K., Warner B.), **282**, 623
- Infrared photometry of the intermediate polar XY Arietis (H0253 + 193) (Allan A., Hellier C., Ramseyer T.F.), **282**, 699
- Optical polarization and X-ray data on the AM Her star RE J1844-74 (Ramsay G., Cropper M., Wu K., Potter S.), **282**, 726
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- A comparative study of the optical pulsations in the intermediate polars (Welsh W.F., Martell P.J.), **282**, 739
- The linear polarization of non-magnetic cataclysmic variables (Naylor T., Koch-Miramond L., Ringwald F.A., Evans A.), **282**, 873
- Infrared spectroscopy of Nova Cassiopeiae 1993 - I. The pre-dust phase (Evans A., Geballe T.R., Rawlings J.M.C., Scott A.D.), **282**, 1049
- Infrared colours, distance determination and absolute magnitudes of a sample of faint cataclysmic variables (Sproats L.N., Howell S.B., Mason K.O.), **282**, 1211
- The age of cataclysmic variables (Kolb U., Stehle R.), **282**, 1454
- Z Cam in outburst during the ROSAT All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeiffermann E.), **283**, 101
- Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei (Morales-Rueda L., Still M.D., Roche P.), **283**, L58
- EUVE J1429-38.0: an eclipsing polar (Stobie R.S., Okeke P.N., Buckley D.A.H., O'Donoghue D.), **283**, L127
- ### Oscillations
- Mode identification of the slowly pulsating F0V star V398 Aurigae (9 Aur) (Aerts C., Krisciunas K.), **278**, 877
- An asymptotic description of solar acoustic oscillation of low and intermediate degree (Roxburgh I.W., Vorontsov S.V.), **278**, 940
- RV Tauri stars - I. A long-term photometric survey (Pollard K.R., Cottrell P.L., Kilmartin P.M., Gilmore A.C.), **279**, 949
- The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations - V. An improved rotation period for the dipole pulsator HD 6532 (Kurtz D.W., Marang F., van Wyk F., Roberts G.), **280**, 1
- Non-linear radial pulsation models for extreme helium stars: application to V652 Her (BD + 13°3224) (Fadeyev Yu.A., Lynas-Gray A.E.), **280**, 427

- Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbuy B.), **280**, 1155
- The stability of Wolf-Rayet stars (Kiriakidis M., Glatzel W., Fricke K.J.), **281**, 406
- Microvariability in high-amplitude δ Scuti radially pulsating stars (Garrido R., Rodriguez E.), **281**, 696
- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis (Lou Y.-Q.), **281**, 750
- Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications (Lou Y.-Q.), **281**, 761
- The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532 (Kurtz D.W., Martinez P., Koen C., Sullivan D.J.), **281**, 883
- Line profile variations in γ Doradus (Balona L.A., Böhm T., Foing B.H., Ghosh K.K., Janot-Pacheco E., Krisciunas K., Lagrange A.-M., Lawson W.A., James S.G., Baudrand J., Catala C., Dreux M., Felenbok P., Hearnshaw J.B.), **281**, 1315
- The p -mode spectrum of γ Equ (HR 8097) (Martinez P., Weiss W.W., Nelson M.J., Kreidl T.J., Roberts G.R., Mkrichian D.E., Dorokhov N.I., Dorokhova T.N., Birch P.V.), **282**, 243
- A comparative study of the optical pulsations in the intermediate polars (Welsh W.F., Martell P.J.), **282**, 739
- An explanation of the long-term behaviour of the pulsation amplitudes of the β Cephei star 16 (EN) Lacertae (Jerzykiewicz M., Pigulski A.), **282**, 853
- On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud (Wood P.R., Sebo K.M.), **282**, 958
- Non-reflective boundary conditions and the viscous instability in accretion discs (Godon P.), **282**, 1107
- Non-radial pulsations and stability of massive stars (Glatzel W., Mehren S.), **282**, 1470
- On the ephemeris of the pulsating hydrogen-deficient star V652 Her (Kilkenny D., Lynas-Gray A.E., Roberts G.), **283**, 1349
- Peculiar**
- The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations – V. An improved rotation period for the dipole pulsator HD 6532 (Kurtz D.W., Marang F., van Wyk F., Roberts G.), **280**, 1
- The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532 (Kurtz D.W., Martinez P., Koen C., Sullivan D.J.), **281**, 883
- Planetary systems**
- Optical, infrared and millimetre-wave properties of Vega-like systems (Sylvester R.J., Skinner C.J., Barlow M.J., Mannings V.), **279**, 915
- Optical, infrared and millimetre-wave properties of Vega-like systems – II. Radiative transfer modelling (Sylvester R.J., Skinner C.J.), **283**, 457
- β Pictoris: its evolutionary status (Brunini A., Benvenuto O.G.), **283**, L84
- Population II**
- Elemental abundances of field horizontal branch stars – IV. HD 74721, 86986 and 93329 (Adelman S.J., Philip A.G.D.), **280**, 285
- ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515
- Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
- The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling (Wallerstein G., Gonzalez G.), **282**, 1236
- Star counts in the *Hubble Deep Field*: constraining galactic structure models (Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J.), **283**, 666
- An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kerman P.J., Krauss L.M., Sarajedini A.), **283**, 683
- Pre-main-sequence**
- Dynamics of embedded protostar clusters in clouds (Gorti U., Bhatt H.C.), **278**, 611
- Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts (Clarke C.J., Syer D.), **278**, L23
- Tidally induced warps in T Tauri discs – II. A parametric study of spectral energy distributions (Terquem C., Bertout C.), **279**, 415
- Accretion disc boundary layers around pre-main-sequence stars (Godon P.), **279**, 1071
- Magnetic braking of T Tauri stars (Armitage P.J., Clarke C.J.), **280**, 458
- An improved HR diagram for Chamaeleon I pre-main-sequence stars (Lawson W.A., Feigelson E.D., Huenemoerder D.P.), **280**, 1071
- Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), **280**, 1219
- 2RE J0241–525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), **281**, 1001
- A search for rapid variability in T Tauri stars (Smith K.W., Jones D.H.P., Clarke C.J.), **282**, 167
- The tidally induced warping, precession and truncation of accretion discs in binary systems: three-dimensional simulations (Larwood J.D., Nelson R.P., Papaloizou J.C.B., Terquem C.), **282**, 597
- Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55
- Pulsars: general**
- Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
- Possible determination of isolated pulsar masses with gravitational microlensing (Horvath J.E.), **278**, L46
- Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129
- Hi line measurements of pulsars towards the Gum nebula and the Carina arm (Johnston S., Koribalski B., Weisberg J.M., Wilson W.), **279**, 661
- Energy transport in a rotation-modulated pulsar wind (Melatos A., Melrose D.B.), **279**, 1168
- The Parkes Southern Pulsar Survey – I. Observing and data analysis systems and initial results (Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Johnston S., Lorimer D.R., Harrison P.A., Nicastro L., Bell J.F.), **279**, 1235
- Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39
- Pulsar beams – conal not patchy (Gil J., Krawczyk A.), **280**, 143
- An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sama M.J.), **280**, 1000
- Problems with the superluminal pulsar model (Hewish A.), **280**, L27
- Discovery of the optical counterpart to the ASCA transient AX 1845.0–0433 (Coe M.J., Fabregat J., Negueruela I., Roche P., Steele I.A.), **281**, 333
- Observations of pulsar glitches (Shemar S.L., Lyne A.G.), **282**, 677
- A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources (Biggs J.D., Lyne A.G.), **282**, 691
- Neutron star magnetic field dynamics and its evolution (Kebede L.W.), **282**, 845
- Ohmic decay of magnetic flux expelled from neutron star interiors (Bhattacharya D., Datta B.), **282**, 1059
- The effect of encounters on the eccentricity of binaries in clusters (Heggie D.C., Rasio F.A.), **282**, 1064
- Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lucre S.G.), **283**, 1083
- Magnetic and spin evolution of pulsars (Miri M.J.), **283**, 1214
- On the galactic and cosmic merger rate of double neutron stars (van den Heuvel E.P.J., Lorimer D.R.), **283**, L37
- The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63
- Pulsars: individual: Crab**
- Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129
- Energy transport in a rotation-modulated pulsar wind (Melatos A., Melrose D.B.), **279**, 1168
- The ultraviolet polarization of the Crab pulsar (Graham-Smith F., Dolan J.F., Boyd P.T., Biggs J.D., Lyne A.G., Percival J.W.), **282**, 1354
- Pulsars: individual: Her X-1**
- Non-steady state accretion and evolution of Her X-1 like systems (Urpin V., Geppert U.), **278**, 471
- Pulsars: individual: RX J0059.2–71**
- The optical counterpart of the supersoft Small Magellanic Cloud transient pulsar RX J0059.2–7138 (Southwell K.A., Charles P.A.), **281**, L63

Pulsars: individual: PSR 0320 + 39

Pulsar beams—conal not patchy (Gil J., Krawczyk A.), **280**, 143

Pulsars: individual: J0437-4715

Observations of the millisecond pulsar J0437-4715 at 76 MHz (McConnell D., Ables J.G., Bailes M., Erickson W.C.), **280**, 331

Pulsars: individual: PSR J0751 + 18

An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sarna M.J.), **280**, 1000

Pulsars: individual: PSR J0751 + 1807

ROSAT observations of the binary millisecond pulsar PSR J0751 + 1807 (Becker W., Trümper J., Lundgren S.C., Cordes J.M., Zepka A.F.), **282**, L33

Pulsars: individual: J0908-4913

New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027

Pulsars: individual: PSR J1012 + 5307

An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sarna M.J.), **280**, 1000
The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63

Pulsars: individual: PSR 1133 + 16

Pulsar beams—conal not patchy (Gil J., Krawczyk A.), **280**, 143

Pulsars: individual: PSR B1259-63

Radio observations of PSR B1259-63 around periastron (Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L.), **279**, 1026

Pulsars: individual: J1326-5859

New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027

Pulsars: individual: J1603-7202

Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383

Pulsars: individual: J1740-3015

New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027

Pulsars: individual: PSR J1744-24A

An evolutionary scenario for short-period millisecond binary pulsars (Ergma E., Sarna M.J.), **280**, 1000

Pulsars: individual: J1745-3040

New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027

Pulsars: individual: PSR 1757-24

A giant glitch in PSR B1757-24 (Lyne A.G., Kaspi V.M., Bailes M., Manchester R.N., Taylor H., Arzoumanian Z.), **281**, L14

Pulsars: individual: J1804-2717

Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383

Pulsars: individual: J1824-1945

New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027

Pulsars: individual: J1911-1114

Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383

Pulsars: individual: PSR 2016 + 28

Pulsar beams—conal not patchy (Gil J., Krawczyk A.), **280**, 143

Pulsars: individual: J2129-5721

Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383

Rotation

The chemical composition of IK Pegasi (Smalley B., Smith K.C., Wonnacott D., Allen C.S.), **278**, 688

Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), **279**, 180

The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations—V. An improved rotation period for the dipole pulsar HD 6532 (Kurtz D.W., Marang F., van Wyk F., Roberts G.), **280**, 1

Plasma flow in the magnetosphere of an axisymmetric rotator (Bogovalov S.V.), **280**, 39

Magnetic braking of T Tauri stars (Armitage P.J., Clarke C.J.), **280**, 458

On the rotational velocities of Be and Be-shell stars (Porter J.M.), **280**, L31

The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532 (Kurtz D.W., Martinez P., Koen C., Sullivan D.J.), **281**, 883

2RE J0241-525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), **281**, 1001

Ergoregion instability revisited—a new and general method for numerical analysis of stability (Yoshida S., Eriguchi Y.), **282**, 580

Existence of non-axisymmetric polytropes sustained by internal motions (Uryū K., Eriguchi Y.), **282**, 653

Rotation of Algol binaries—a line profile model applied to observations (Mukherjee J., Peters G.J., Wilson R.E.), **283**, 613

Statistics

Are there any isolated old neutron stars in the ROSAT Wide Field Camera survey? (Manning R.A., Jeffries R.D., Willmore A.P.), **278**, 577

HST star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871

Supergiants

A spectroscopic search for red supergiants in the M33 giant H II region NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), **279**, 1219

The spectral energy distribution and mass-loss history of IRC + 10420 (Oudmaier R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C.), **280**, 1062

Physics of the blue-to-red and red-to-blue transitions in the evolution of massive stars—I. From blue to red (Ritossa C.), **281**, 970

The chemical composition of the protoplanetary nebula candidate HD 179821 (Začs L., Klochkova V.G., Panchuk V.E., Spelmanis R.), **282**, 1171

The variable mass loss of the peculiar supergiant P Cygni (Israelian G., de Groot M., Parker J.Wm., Sterken C.), **283**, 119

Supernovae: general

The type Ia supernova 1994D in NGC 4526: the early phases (Patat F., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Mazzali P.A., Turatto M.), **278**, 111

Radiative transfer in the comoving frame (Baron E., Hauschildt P.H., Mezzacappa A.), **278**, 763

Preliminary spectral analysis of SN 1994I (Baron E., Hauschildt P.H., Branch D., Kirshner R.P., Filippenko A.V.), **279**, 799

Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors (McClements K.G., Dendy R.O., Drury L.O'C., Duffy P.), **280**, 219

Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses (Tutukov A., Yungelson L.), **280**, 1035

A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41

The properties of the peculiar type Ia supernova 1991bg—I. Analysis and discussion of two years of observations (Turatto M., Benetti S.,

- Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F.), **283**, 1
- Non-local thermodynamic equilibrium effects in modelling of supernovae near maximum light (Baron E., Hauschildt P.H., Nugent P., Branch D.), **283**, 297
- A cosmological background of gravitational waves produced by supernovae in the early Universe (Blair D., Ju L.), **283**, 648
- Circumstellar H α from SN 1994D and future Type Ia supernovae: an observational test of progenitor models (Cumming R.J., Lundqvist P., Smith L.J., Pettini M., King D.L.), **283**, 1355
- Carbon monoxide in supernova 1995ad (Spyromilio J., Leibundgut B.), **283**, L89
- Supernovae: individual: SN 1006**
ROSAT PSPC observations of the remnant of SN 1006 (Willingale R., West R.G., Pye J.P., Stewart G.C.), **278**, 749
- Supernovae: individual: SN 1979C**
 A self-colliding stellar wind model for SN 1979C (Schwarz D.H., Pringle J.E.), **282**, 1018
- Supernovae: individual: SN 1986G**
 The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations (Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F.), **283**, 1
- Supernovae: individual: SN 1987F**
 Early spectra of the supernova 1987F (Wegner G., Swanson S.R.), **278**, 22
- Supernovae: individual: SN 1988Z**
 X-ray detection of Supernova 1988Z with the *ROSAT* High Resolution Imager (Fabian A.C., Terlevich R.), **280**, L5
- Supernovae: individual: SN 1991bg**
 The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations (Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F.), **283**, 1
- Supernovae: individual: SN 1991F**
 The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations (Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F.), **283**, 1
- Supernovae: individual: SN 1991T**
 An early-time infrared and optical study of the Type Ia supernovae SN 1994D and 1991T (Meikle W.P.S. et al.), **281**, 263
- Supernovae: individual: SN 1992K**
 The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations (Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F.), **283**, 1
- Supernovae: individual: SN 1994D**
 The type Ia supernova 1994D in NGC 4526: the early phases (Patat F., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Mazzali P.A., Turatto M.), **278**, 111
- An early-time infrared and optical study of the Type Ia supernovae SN 1994D and 1991T (Meikle W.P.S. et al.), **281**, 263
- Circumstellar H α from SN 1994D and future Type Ia supernovae: an observational test of progenitor models (Cumming R.J., Lundqvist P., Smith L.J., Pettini M., King D.L.), **283**, 1355
- Supernovae: individual: SN 1994I**
 Preliminary spectral analysis of SN 1994I (Baron E., Hauschildt P.H., Branch D., Kirshner R.P., Filippenko A.V.), **279**, 799
- Supernovae: individual: SN 1995ad**
 Carbon monoxide in supernova 1995ad (Spyromilio J., Leibundgut B.), **283**, L89
- Cepheids**
 Contribution functions and the depths of formation of spectral lines in Cepheids (Albrow M.D., Cottrell P.L.), **278**, 337
- ST Pup: a binary Type II Cepheid with a peculiar chemical composition (Gonzalez G., Wallerstein G.), **280**, 515
- The binary Cepheid W Sgr (Albrow M.D., Cottrell P.L.), **280**, 917
- The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling (Wallerstein G., Gonzalez G.), **282**, 1236
- The analysis of indexed astronomical time series – IV. Modelling period changes in sparsely observed variables (Koen C.), **283**, 471
- δ Scuti**
 Measuring stellar oscillations using equivalent widths of absorption lines (Bedding T.R., Kjeldsen H., Reetz J., Barbay B.), **280**, 1155
- Microvariability in high-amplitude δ Scuti radially pulsating stars (Garrido R., Rodriguez E.), **281**, 696
- The analysis of indexed astronomical time series – IV. Modelling period changes in sparsely observed variables (Koen C.), **283**, 471
- Variables: other**
 The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11
- The M5 RR Lyrae population (Reid N.), **278**, 367
- Submillimetre water masers in circumstellar envelopes – II. Variability (Yates J.A., Cohen R.J.), **278**, 655
- Simulating the emission line radial velocity modulation in discless intermediate polars (Garlick M.A.), **279**, 940
- RV Tauri stars – I. A long-term photometric survey (Pollard K.R., Cottrell P.L., Kilmartin P.M., Gilmore A.C.), **279**, 949
- Rotational disturbance in the intermediate polar BG Canis Minoris (Garlick M.A.), **279**, 1101
- The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations – V. An improved rotation period for the dipole pulsator HD 6532 (Kurtz D.W., Marang F., van Wyk F., Roberts G.), **280**, 1
- The stability of Wolf-Rayet stars (Kiriakidis M., Glatzel W., Fricke K.J.), **281**, 406
- The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532 (Kurtz D.W., Martinez P., Koen C., Sullivan D.J.), **281**, 883
- Line profile variations in γ Doradus (Balona L.A., Böhm T., Foing B.H., Ghosh K.K., Janot-Pacheco E., Krisciunas K., Lagrange A.-M., Lawson W.A., James S.D., Baudrand J., Catala C., Dreux M., Felenbok P., Hearnshaw J.B.), **281**, 1315
- CCD Strömgren photometry of NGC 2362 (Balona L.A., Laney C.D.), **281**, 1341
- A revised period-luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347
- A search for rapid variability in T Tauri stars (Smith K.W., Jones D.H.P., Clarke C.J.), **282**, 167
- Erratum: The M5 RR Lyrae population (Reid N.), **282**, 304
- A search for detached eclipsing binary systems in the oldest known open cluster NGC 6791 (Rucinski S.M., Kaluzny J., Hilditch R.W.), **282**, 705
- An explanation of the long-term behaviour of the pulsation amplitudes of the β Cephei star 16 (EN) Lacertae (Jerzykiewicz M., Pigulski A.), **282**, 853
- On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud (Wood P.R., Sebo K.M.), **282**, 958
- SiO masers in Mira variables at a single stellar phase (Humphreys E.M.L., Gray M.D., Yates J.A., Field D., Bowen G., Diamond P.J.), **282**, 1359
- Non-radial pulsations and stability of massive stars (Glatzel W., Mehren S.), **282**, 1470
- An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009–45) (Shahbaz T., van der Hooft F., Charles P.A., Casares J., van Paradijs J.), **282**, L47
- On the recent mysterious spectral variations of the post-asymptotic giant branch star FG Sagittae (Iijima T.), **283**, 141
- The analysis of indexed astronomical time series – IV. Modelling period changes in sparsely observed variables (Koen C.), **283**, 471
- On the ephemeris of the pulsating hydrogen-deficient star V652 Her (Kilkenny D., Lynas-Gray A.E., Roberts G.), **283**, 1349
- White dwarfs**
 A detached white dwarf/M dwarf binary with an orbital period of 2.47 h (Marsh T.R., Duck S.R.), **278**, 565
- Evolution of DB white dwarfs in the Canuto & Mazzitelli theory of convection (Althaus L.G., Benvenuto O.G.), **278**, 981

- Evolutionary scenarios for double degenerate systems (Sarna M.J., Marks P.B., Smith R.C.), **279**, 88
- Wind-accretion induced rapid rotation and a new class of active star (Jeffries R.D., Stevens I.R.), **279**, 180
- Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394 (Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W.), **279**, 1120
- Photometry of the post-common-envelope binary PG 0308 + 096 (Somers M.W., Lockey J.J., Naylor T., Wood J.H.), **280**, 1277
- The optical spectra of old novae (Ringwald F.A., Naylor T., Mukai K.), **281**, 192
- The continuum radiation from accretion discs and the boundary layer (Idan I., Shaviv G.), **281**, 604
- HST star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871
- Polytropic gas spheres: an approximate analytic solution of the Lane-Emden equation (Liu F.K.), **281**, 1197
- The magnetic fields of EF Eridani and BL Hydri (Ferrario L., Bailey J., Wickramasinghe D.), **282**, 218
- Dwarf nova outbursts in truncated accretion discs: down with low alphas (Warner B., Livio M., Tout C.A.), **282**, 735
- Z Cam in outburst during the ROSAT All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeffermann E.), **283**, 101
- Star counts in the *Hubble Deep Field*: constraining galactic structure models (Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J.), **283**, 666
- The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830

Wolf-Rayet

- The H I distribution in the environment of the WR star HD 50896 (Arnall E.M., Cappa C.E.), **279**, 788
- A spectroscopic search for red supergiants in the M33 giant H II region NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), **279**, 1219
- The probable mass of the companion in Cygnus X-3 (Mitra A.), **280**, 953
- Multifrequency observations of the Wolf-Rayet star WR 146: another colliding-wind binary? (Dougherty S.M., Williams P.M., van der Hucht K.A., Bode M.F., Davis R.J.), **280**, 963
- A three-dimensional classification for WN stars (Smith L.F., Shara M.M., Moffat A.F.J.), **281**, 163
- The stability of Wolf-Rayet stars (Kiriakidis M., Glatzel W., Fricke K.J.), **281**, 406
- ASCA observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589
- Flaring and quiescent infrared behaviour of Cygnus X-3 (Fender R.P., Bell Burnell S.J., Williams P.M., Webster A.S.), **283**, 798

Interstellar medium (ISM), nebulae

Abundances

- The optical spectrum of the young planetary nebula Hubble 12 (Hyung S., Aller L.H.), **278**, 551
- The spectrum of the planetary nebula IC 351 (Feibelman W.A., Hyung S., Aller L.H.), **278**, 625
- The formation of H₂ by H-atom reaction with grain surfaces (Duley W.W.), **279**, 591
- Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210
- A spectroscopic search for red supergiants in the M33 giant H II region NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), **279**, 1219
- A reanalysis of interstellar OH absorption observations (Roueff E.), **279**, L37
- Synthesis of interstellar CH⁺ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41
- The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720
- An investigation of the 3- μ m emission bands in planetary nebulae (Roche P.F., Lucas P.W., Hoare M.G., Aitken D.K., Smith C.H.), **280**, 924

- The chemistry of deuterium in hot molecular cores (Rodgers S.D., Millar T.J.), **280**, 1046
- Novel pathways to CN⁻ within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry (Petrie S.), **281**, 137
- Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry? (Petrie S.), **281**, 666
- The emission band at 5.25 μ m and its relationship to the unidentified emission features at 11–13 and 3.4–3.6 μ m (Roche P.F., Lucas P.W., Geballe T.R.), **281**, L25
- Production and loss of the water-related species H₃O⁺, H₂O and OH in dense interstellar clouds (Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M.), **282**, 413
- Theoretical He I line intensities in gaseous nebulae: NGC 1976, 6572 and IC 4997 (Kingdon J.B., Ferland G.J.), **282**, 723
- On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), **282**, 807
- A comment on 'Chemical evolution in circumstellar structure of B5 IRS1' by Kelly, Macdonald & Millar (Williams D.A., Hartquist T.W., Caselli P.), **282**, 900
- Photodissociation and the CN: HCN ratio: observations of a 'Third Bar' in OMC1 (Greaves J.S., Church S.E.), **283**, 1179

Atoms

- Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089

Bubbles

- The H I distribution in the environment of the WR star HD 50896 (Arnall E.M., Cappa C.E.), **279**, 788
- The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252
- Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405
- The expansion of the outer circumstellar shell of P Cygni (Meaburn J., López J.A., Barlow M.J., Drew J.E.), **283**, L69

Clouds

- SiO in dense molecular clouds reconsidered (MacKay D.D.S.), **278**, 62
- Dynamics of embedded protostar clusters in clouds (Gorti U., Bhatt H.C.), **278**, 611
- Protostellar envelopes: a clue to the initial conditions of star formation (Bonnell I.A., Bate M.R., Price N.M.), **279**, 121
- The chemistry of core collapse in TMC1 (Howe D.A., Taylor S.D., Williams D.A.), **279**, 143
- Magnetic reconnection and star formation in molecular clouds (Lubow S.H., Pringle J.E.), **279**, 1251
- Non-LTE excitation of H₂ in magnetized molecular shocks (O'Brien I., Drury L.O'C.), **280**, 550
- The steady structure of a jet/cloud interaction – I. The case of a plane-parallel stratification (Cantó J., Raga A.C.), **280**, 559
- The steady structure of a jet/cloud interaction – II. The case of a spherically symmetric stratification (Raga A.C., Cantó J.), **280**, 567
- The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), **280**, 616
- The chemistry of deuterium in hot molecular cores (Rodgers S.D., Millar T.J.), **280**, 1046
- High gas densities in OMC1-North protostar candidates (Greaves J.S.), **280**, 1293
- Novel pathways to CN⁻ within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry (Petrie S.), **281**, 137
- Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry? (Petrie S.), **281**, 666
- Evidence for protostellar infall in NGC 1333–IRAS2 (Ward-Thompson D., Buckley H.D., Greaves J.S., Holland W.S., André P.), **281**, L53
- Self-gravitating disc-like magnetic gas clouds (Barker D.M., Mestel L.), **282**, 317
- Production and loss of the water-related species H₃O⁺, H₂O and OH in dense interstellar clouds (Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M.), **282**, 413
- Radio observations in NH₃ and C₂S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587

- On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), **282**, 807
- Molecular emission ahead of Herbig-Haro bow shocks (Taylor S.D., Williams D.A.), **282**, 1343
- Radiative transfer in clumpy molecular clouds: a first basic model for the C–C–N transition in a photodissociation region (Hegmann M., Kegel W.H.), **283**, 167
- Variance imaging in radio astronomy (Crawford D.F., Robertson J.G., Davidson G.), **283**, 336
- Orbital decay of protostellar binaries in molecular clouds (Gorti U., Bhatt H.C.), **283**, 566
- The size distribution of dust grains in single clouds – I. The analysis of extinction using multicomponent mixtures of bare spherical grains (Zubko V.G., Krelowski J., Wegner W.), **283**, 577
- Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089
- MERLIN and EVN observations of small-scale structure in the interstellar H I (Davis R.J., Diamond P.J., Goss W.M.), **283**, 1105
- Photodissociation and the CN: HCN ratio: observations of a 'Third Bar' in OMC1 (Greaves J.S., Church S.E.), **283**, 1179
- The search for methylisocyanacetylene in TMC-1 (Scappini F., Codella C., Guarnieri A.), **283**, L7
- Cosmic rays**
- Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129
- Synthesis of interstellar CH⁺ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41
- Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors (McClements K.G., Dendy R.O., Drury L.O'C., Duffy P.), **280**, 219
- Constraints on cosmic ray propagation from radio continuum data of NGC 2146 (Lisenfeld U., Alexander P., Pooley G.G., Wilding T.), **281**, 301
- The acceleration time-scale for first-order Fermi acceleration in relativistic shock waves (Bednarz J., Ostrowski M.), **283**, 447
- Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lučk S.G.), **283**, 1083
- Dust, extinction**
- ROSAT PSPC observations of the infrared quasar IRAS 13349 + 2438: evidence for a warm absorber with internal dust (Brandt W.N., Fabian A.C., Pounds K.A.), **278**, 326
- Polarimetry of young stellar objects – I. Linear polarization of GSS 30 (Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449
- Galactic extinction and Abell clusters (Nichol R.C., Connolly A.J.), **279**, 521
- Dust in high-redshift radio galaxies and the early evolution of spheroidal galaxies (Mazzei P., De Zotti G.), **279**, 535
- The formation of H₂ by H-atom reaction with grain surfaces (Duley W.W.), **279**, 591
- Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847
- Infrared imaging of late-type stars (Ivezić Ž., Elitzur M.), **279**, 1011
- Dust emission from IRC + 10216 (Ivezić Ž., Elitzur M.), **279**, 1019
- Surface features on interstellar ice (McCoustra M., Williams D.A.), **279**, L53
- Mid-infrared properties of globular clusters using the IRAS data base (Origlia L., Ferraro F.R., Fusi Pecci F.), **280**, 572
- An investigation of the 3- μ m emission bands in planetary nebulae (Roche P.F., Lucas P.W., Hoare M.G., Aitken D.K., Smith C.H.), **280**, 924
- A radial velocity spectrograph for zodiacal light (James J.F.), **280**, 1055
- The implications of large dust masses at high redshifts: a first look at galactic evolution in the submillimetre waveband (Eales S.A., Edmunds M.G.), **280**, 1167
- Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), **280**, 1219
- A submillimetre survey of W49A: support for the cloud–cloud collision model of W49N (Buckley H.D., Ward-Thompson D.), **281**, 294
- Models of highly extended dust shells around R Coronae Borealis (Nagendra K.N., Leung C.M.), **281**, 1139
- The emission band at 5.25 μ m and its relationship to the unidentified emission features at 11–13 and 3.4–3.6 μ m (Roche P.F., Lucas P.W., Geballe T.R.), **281**, L25
- Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401
- The dust tail of Comet 1P/Halley after its perihelion in 1986 and the rotation of the nucleus (Grothues H.-G., Schmidt-Kaler T.), **282**, 547
- Radiative transfer models of dusty galactic discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005
- Angular sizes and luminosity evolution of faint galaxies (Roche N., Ratnatunga K., Griffiths R.E., Im M., Neuschaefer L.), **282**, 1247
- Optical constants of cosmic carbon analogue grains – I. Simulation of clustering by a modified continuous distribution of ellipsoids (Zubko V.G., Mennella V., Colangeli L., Bussoletti E.), **282**, 1321
- Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418
- 1.25-mm observations of a complete sample of IRAS galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85
- Thermal effects in carbonaceous dust (Duley W.W.), **283**, 343
- The size distribution of dust grains in single clouds – I. The analysis of extinction using multicomponent mixtures of bare spherical grains (Zubko V.G., Krelowski J., Wegner W.), **283**, 577
- 10- μ m imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379
- General**
- ROSAT PSPC observations of the remnant of SN 1006 (Willingale R., West R.G., Pye J.P., Stewart G.C.), **278**, 749
- Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors (McClements K.G., Dendy R.O., Drury L.O'C., Duffy P.), **280**, 219
- New H I absorption measurements towards six pulsars (Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D.), **280**, 1027
- A comment on 'Chemical evolution in circumstellar structure of B5 IRS1' by Kelly, Macdonald & Millar (Williams D.A., Hartquist T.W., Caselli P.), **282**, 900
- Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089
- Globules**
- Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), **279**, 1191
- Radio observations in NH₃ and C₂S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587
- H II regions**
- Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101
- Breaking the sound barrier in recombination fronts (Williams R.J.R., Dyson J.E.), **279**, 987
- A spectroscopic search for red supergiants in the M33 giant H II region NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), **279**, 1219
- A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $-0^\circ53$ (Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), **280**, 378
- Clumpy ultracompact H II regions – II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661
- Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars (Williams R.J.R., Dyson J.E., Redman M.P.), **280**, 667
- The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720
- Radio recombination line (H92 α) observations of Sgr E (Cram L.E., Claussen M.J., Beasley A.J., Gray A.D., Goss W.M.), **280**, 1110
- Electron temperatures in the Galactic H II regions W43 and M17 (Subrahmanyam R., Goss W.M.), **281**, 239
- Near-infrared spectroscopy of the ultracompact H II region G45.12 + 0.13 (Lumsden S.L., Puxley P.J.), **281**, 493
- The Canada–France Redshift Survey – XII. Nature of emission-line

- field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D.), **281**, 847
- A search for 5_{1-6_0} A⁺-methanol masers towards faint IRAS sources (van der Walt D.J., Retief S.J.P., Gaylard M.J., MacLeod G.C.), **282**, 1085
- The effects of cluster environment on the chemical evolution of galaxies – III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), **283**, 635
- N/O in spiral discs: a new algorithm for abundance determinations (Thurston T.R., Edmunds M.G., Henry R.B.C.), **283**, 990
- VLBI observations of OH masers with the S-2 recording system (Slysh V.I., Migenes V., Kanavsky B.Z., Molotov I.E., Samodurov V.A., Reynolds J.E., Wilson W.E., Jauncey D.L., McCulloch P.M., Feil G., Cannon W.), **283**, L9

Individual: B5 IRS1

Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210

Individual: η Carinae

Highly supersonic motions within the outer features of the η Carinae nebula (Meaburn J., Boumis P., Walsh J.R., Steffen W., Holloway A.J., Williams R.J.R., Bryce M.), **282**, 1313

Individual: CG 22

Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), **279**, 1191

Individual: Chamaeleon I

An improved HR diagram for Chamaeleon I pre-main-sequence stars (Lawson W.A., Feigelson E.D., Huenemoerder D.P.), **280**, 1071

Individual: Chamaeleon infrared nebula

Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418

Individual: Crab Nebula

On the mechanisms of gamma radiation in the Crab Nebula (Atayan A.M., Aharonian F.A.), **278**, 525

Individual: γ -Cygni SNR

The nature of the γ -ray source 2EG J2020 + 4026 (2CG078 + 2) (Brazier K.T.S., Kanbach G., Carramiñana A., Guichard J., Merck M.), **281**, 1033

Individual: DC 302.6–15.9

The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), **280**, 616

Individual: G0.33 + 0.04

A new supernova remnant over the Galactic Centre (Kassim N.E., Frail D.A.), **283**, L51

Individual: G45.12 + 0.13

Near-infrared spectroscopy of the ultracompact H II region G45.12 + 0.13 (Lumsden S.L., Puxley P.J.), **281**, 493

Individual: G78.2 + 2.1 SNR

The nature of the γ -ray source 2EG J2020 + 4026 (2CG078 + 2) (Brazier K.T.S., Kanbach G., Carramiñana A., Guichard J., Merck M.), **281**, 1033

Individual: G 240.9–0.9

The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252

Individual: G 339.88–1.26

Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101

Individual: G 351.78–0.54

Variable hydroxyl and methanol masers in G 351.78–0.54 (MacLeod G.C., Gaylard M.J.), **280**, 868

Individual: GSS 30

Polarimetry of young stellar objects – I. Linear polarization of GSS 30

(Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449

Individual: Gum nebula

The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252

Individual: HH 30

The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows (López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R.), **282**, 470

Individual: HH 266

The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows (López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R.), **282**, 470

Individual: Lynds 379

Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401

Individual: M17

Electron temperatures in the Galactic H II regions W43 and M17 (Subrahmanyam R., Goss W.M.), **281**, 239

Individual: NGC 604

A spectroscopic search for red supergiants in the M33 giant H II region NGC 604 (Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M., Pérez E., García Vargas M.L.), **279**, 1219

Individual: NGC 1333–IRAS2

Evidence for protostellar infall in NGC 1333–IRAS2 (Ward-Thompson D., Buckley H.D., Greaves J.S., Holland W.S., André P.), **281**, L53

Individual: NGC 6334

Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101

Individual: OMC1

High gas densities in OMC1–North protostar candidates (Greaves J.S.), **280**, 1293

Photodissociation and the CN: HCN ratio: observations of a ‘Third Bar’ in OMC1 (Greaves J.S., Church S.E.), **283**, 1179

Individual: Orion

The chemistry of deuterium in hot molecular cores (Rodgers S.D., Millar T.J.), **280**, 1046

Individual: RNO 43

RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866

Individual: Sgr B2

Production and loss of the water-related species H_3O^+ , H_2O and OH in dense interstellar clouds (Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M.), **282**, 413

Individual: Sgr E

Radio recombination line (H92 α) observations of Sgr E (Cram L.E., Claussen M.J., Beasley A.J., Gray A.D., Goss W.M.), **280**, 1110

Individual: HL Tauri

The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows (López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R.), **282**, 470

Individual: TMC1

The chemistry of core collapse in TMC1 (Howe D.A., Taylor S.D., Williams D.A.), **279**, 143

Individual: Vela SNR

The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252

Individual: W43

Electron temperatures in the Galactic H II regions W43 and M17 (Subrahmanyan R., Goss W.M.), **281**, 239

Individual: W49A

A submillimetre survey of W49A: support for the cloud-cloud collision model of W49N (Buckley H.D., Ward-Thompson D.), **281**, 294

Jets and outflows

A two-sided jet structure in the 'steep-spectrum core' of 3C293

(Akujor C.E., Leahy J.P., Garrington S.T., Sanghera H., Spencer R.E., Schilizzi R.T.), **278**, 1

A single internal working surface in a periodic jet (Biro S.), **278**, 990

RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866

The structure of MHD shocks in molecular outflows: grain sputtering and SiO formation (Flowser D.R., Pineau des Forêts G., Field D., May P.W.), **280**, 447

The steady structure of a jet/cloud interaction – I. The case of a plane-parallel stratification (Cantó J., Raga A.C.), **280**, 559

The steady structure of a jet/cloud interaction – II. The case of a spherically symmetric stratification (Raga A.C., Cantó J.), **280**, 567

A global model of protostellar bipolar outflow – I (Fiege J.D., Henriksen R.N.), **281**, 1038

A global model of protostellar bipolar outflow – II (Fiege J.D., Henriksen R.N.), **281**, 1055

The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows (López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R.), **282**, 470

Precessing jets and molecular outflows: a 3D numerical study (Cliffe J.A., Frank A., Jones T.W.), **282**, 1114

Highly supersonic motions within the outer features of the η Carinae nebula (Meaburn J., Boumis P., Walsh J.R., Steffen W., Holloway A.J., Williams R.J.R., Bryce M.), **282**, 1313

Molecular emission ahead of Herbig–Haro bow shocks (Taylor S.D., Williams D.A.), **282**, 1343

On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows (Tsiganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J.), **283**, 811

Kinematics and dynamics

Dynamics of embedded protostar clusters in clouds (Gorti U., Bhatt H.C.), **278**, 611

RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866

Synthesis of interstellar CH⁺ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41

The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), **280**, 616

Evidence for protostellar infall in NGC 1333–IRAS2 (Ward-Thompson D., Buckley H.D., Greaves J.S., Holland W.S., André P.), **281**, L53

The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows (López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R.), **282**, 470

A comment on 'Chemical evolution in circumstellar structure of B5 IRS1' by Kelly, Macdonald & Millar (Williams D.A., Hartquist T.W., Caselli P.), **282**, 900

Highly supersonic motions within the outer features of the η Carinae nebula (Meaburn J., Boumis P., Walsh J.R., Steffen W., Holloway A.J., Williams R.J.R., Bryce M.), **282**, 1313

Magnetic fields

Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula (Lou Y.-Q.), **279**, 129

Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229

Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), **279**, 1191

On the global stability of magnetized accretion discs – III. Non-axisymmetric modes (Curry C., Pudritz R.E.), **281**, 119

Molecules

SiO in dense molecular clouds reconsidered (MacKay D.D.S.), **278**, 62

A new survey for 6.6-GHz methanol masers (Caswell J.L.), **279**, 79

The chemistry of core collapse in TMC1 (Howe D.A., Taylor S.D., Williams D.A.), **279**, 143

The formation of H₂ by H-atom reaction with grain surfaces (Duley W.W.), **279**, 591

Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210

A reanalysis of interstellar OH absorption observations (Roueff E.), **279**, L37

Synthesis of interstellar CH⁺ without OH (Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A.), **279**, L41

Surface features on interstellar ice (McCoustra M., Williams D.A.), **279**, L53

A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $0^\circ53$ (Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), **280**, 378

The structure of MHD shocks in molecular outflows: grain sputtering and SiO formation (Flowser D.R., Pineau des Forêts G., Field D., May P.W.), **280**, 447

Ultra-high-resolution measurements of the intrinsic line profiles of interstellar C₂ towards ζ Ophiuchi and HD 169454 (Crawford I.A., Barlow M.J.), **280**, 863

Variable hydroxyl and methanol masers in G 351.78–0.54 (MacLeod G.C., Gaylard M.J.), **280**, 868

The chemistry of deuterium in hot molecular cores (Rodgers S.D., Millar T.J.), **280**, 1046

Novel pathways to CN⁺ within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry (Petrie S.), **281**, 137

Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry? (Petrie S.), **281**, 666

The emission band at 5.25 μ m and its relationship to the unidentified emission features at 11–13 and 3.4–3.6 μ m (Roche P.F., Lucas P.W., Geballe T.R.), **281**, L25

Self-gravitating disc-like magnetic gas clouds (Barker D.M., Mestel L.), **282**, 317

Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401

Radio observations in NH₃ and C₂S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587

On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216 (Petrie S.), **282**, 807

A search for 5₁–6₀ A⁺-methanol masers towards faint IRAS sources (van der Walt D.J., Retief S.J.P., Gaylard M.J., MacLeod G.C.), **282**, 1085

Molecular emission ahead of Herbig–Haro bow shocks (Taylor S.D., Williams D.A.), **282**, 1343

A possible isotope shift in the spectrum of a diffuse interstellar band (Webster A.), **282**, 1372

Thermal effects in carbonaceous dust (Duley W.W.), **283**, 343

A Galactic Centre survey for 6.6-GHz methanol masers (Caswell J.L.), **283**, 606

The search for methylisocyanacetylene in TMC-1 (Scappini F., Codella C., Guarnieri A.), **283**, L7

Carbon monoxide in supernova 1995ad (Spyromilio J., Leibundgut B.), **283**, L89

Molecular rotational contour fitting of ultra-high-resolution profiles of diffuse interstellar bands (Kerr T.H., Hibbins R.E., Miles J.R., Fossey S.J., Somerville W.B., Sarre P.J.), **283**, L105

Planetary nebulae: general

The optical spectrum of the young planetary nebula Hubble 12 (Hyung S., Aller L.H.), **278**, 551

The spectrum of the planetary nebula IC 351 (Feibelman W.A., Hyung S., Aller L.H.), **278**, 625

Physical conditions in the transition regions around the Ring Nebula and NGC 7027 (Liu X.-W., Barlow M.J.), **279**, 511

The Bowen fluorescence lines: overview and re-analysis of the observations (Kastner S.O., Bhatia A.K.), **279**, 1137

An investigation of the 3- μ m emission bands in planetary nebulae (Roche P.F., Lucas P.W., Hoare M.G., Aitken D.K., Smith C.H.), **280**, 924

The rotation curve of the Galaxy obtained from planetary nebulae and AGB stars (Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J.), **281**, 339

Auroral and nebular emission lines of [S II] in the optical spectra of

- planetary nebulae (Keenan F.P., Aller L.H., Bell K.L., Hyung S., McKenna F.C., Ramsbottom C.A.), **281**, 1073
- The emission band at 5.25 μm and its relationship to the unidentified emission features at 11–13 and 3.4–3.6 μm (Roche P.F., Lucas P.W., Geballe T.R.), **281**, L25
- Theoretical He I line intensities in gaseous nebulae: NGC 1976, 6572 and IC 4997 (Kingdon J.B., Ferland G.J.), **282**, 723
- Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405

Planetary nebulae: individual: Hubble 12

- The optical spectrum of the young planetary nebula Hubble 12 (Hyung S., Aller L.H.), **278**, 551

Planetary nebulae: individual: IC 351

- The spectrum of the planetary nebula IC 351 (Feibelman W.A., Hyung S., Aller L.H.), **278**, 625

Planetary nebulae: individual: IC 4593

- Stellar bubbles inside planetary nebulae (Soker N.), **283**, 1405

Planetary nebulae: individual: IRAS 06562–0337

- IRAS 06562–0337: the Iron-clad Nebula (Kerber F., Lercher G., Roth M.), **283**, L41

Planetary nebulae: individual: Mz-3

- 10- μm imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379

Planetary nebulae: individual: NGC 1360

- The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830

Planetary nebulae: individual: NGC 6720

- Physical conditions in the transition regions around the Ring Nebula and NGC 7027 (Liu X.-W., Barlow M.J.), **279**, 511

Planetary nebulae: individual: NGC 7027

- Physical conditions in the transition regions around the Ring Nebula and NGC 7027 (Liu X.-W., Barlow M.J.), **279**, 511

Planetary nebulae: individual: NGC 7293

- The global motions of the cometary knots in the Helix planetary nebula (NGC 7293) (Meaburn J., Clayton C.A., Bryce M., Walsh J.R.), **281**, L57

Reflection nebulae

- Polarimetry of young stellar objects – I. Linear polarization of GSS 30 (Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449
- Chemical evolution in the circumstellar structure of B5 IRS1 (Kelly M.L., Macdonald G.H., Millar T.J.), **279**, 1210
- Linear and circular imaging polarimetry of the Chamaeleon infrared nebula (Gledhill T.M., Chrysostomou A., Hough J.H.), **282**, 1418

Structure

- Breaking the sound barrier in recombination fronts (Williams R.J.R., Dyson J.E.), **279**, 987
- Magnetic fields in cometary globules – I. CG 22 (Sridharan T.K., Bhatt H.C., Rajagopal J.), **279**, 1191
- Clumpy ultracompact H II regions – II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661
- Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars (Williams R.J.R., Dyson J.E., Redman M.P.), **280**, 667
- Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089
- MERLIN and EVN observations of small-scale structure in the interstellar H I (Davis R.J., Diamond P.J., Goss W.M.), **283**, 1105

Supernova remnants

- The type Ia supernova 1994D in NGC 4526: the early phases (Patat F., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Mazzali P.A., Turatto M.), **278**, 111

- ROSAT PSPC observations of the remnant of SN 1006 (Willingale R., West R.G., Pye J.P., Stewart G.C.), **278**, 749

- A distribution function calculation of the H α profiles of high-velocity shocks – II. The broad component neutral precursor (Lim A.J., Raga A.C.), **280**, 103

- A distribution function calculation of the H α profiles of high-velocity shocks – III. Profiles from varying angles of observation (Lim A.J.), **280**, 115

- The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz (Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L.), **280**, 252

- Supershells as probe particles for the study of the galactic spin orientation (Silich S.A., Mashchenko S.Ya., Tenorio-Tagle G., Franco J.), **280**, 711

- A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources (Biggs J.D., Lyne A.G.), **282**, 691

- The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations (Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouiffes C., Mazzali P.A., Patat F.), **283**, 1

- On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419

- Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering (Bell A.R., Lucek S.G.), **283**, 1083

- A new supernova remnant over the Galactic Centre (Kassim N.E., Frail D.A.), **283**, L51

The Galaxy

Abundances

- The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720

Centre

- The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11
- Environmental effects on the structure of the dwarf spheroidal galaxies (Bellazzini M., Fusi Pecci F., Ferraro F.R.), **278**, 947
- On the deprojection of the Galactic bulge (Binney J., Gerhard O.), **279**, 1005
- Radio recombination line (H92 α) observations of Sgr E (Cram L.E., Claussen M.J., Beasley A.J., Gray A.D., Goss W.M.), **280**, 1110
- A Galactic Centre survey for 6.6-GHz methanol masers (Caswell J.L.), **283**, 606
- On the microlensing optical depth of the Galactic bar (Zhao H., Mao S.), **283**, 1197
- A new supernova remnant over the Galactic Centre (Kassim N.E., Frail D.A.), **283**, L51

Evolution

- The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727
- The metallicity distribution of G dwarfs in the solar neighbourhood (Rocha-Pinto H.J., Maciel W.J.), **279**, 447
- Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc (Sridhar S., Touma J.), **279**, 1263

Globular clusters: general

- The globular clusters in M87: a bimodal colour distribution (Elson R.A.W., Santiago B.X.), **278**, 617
- Dynamical families in the Galactic globular cluster system (Bellazzini M., Vesperini E., Ferraro F.R., Fusi Pecci F.), **279**, 337
- Numerical study of energy diffusion in King models (Theuns T.), **279**, 827
- Statistics of *N*-body simulations – III. Unequal masses (Giersz M., Heggie D.C.), **279**, 1037
- The response of tidally heated stars (Podsiadlowski Ph.), **279**, 1104
- Retention fractions for globular cluster neutron stars (Drukier G.A.), **280**, 498
- Mid-infrared properties of globular clusters using the *IRAS* data base (Origlia L., Ferraro F.R., Fusi Pecci F.), **280**, 572
- Constraints on massive black holes as dark matter candidates using Galactic globular clusters (Klessen R., Burkert A.), **280**, 735
- The M87 globular cluster system revisited (Elson R.A.W., Santiago B.X.), **280**, 971

- Finite-mass isothermal spheres and the structure of globular clusters (Madsen J.), **280**, 1089
- Close approach during hard binary–binary scattering (Bacon D., Sigurdsson S., Davies M.B.), **281**, 830
- HST* photometry of 47 Tuc and analysis of the stellar luminosity function in Milky Way clusters (Santiago B.X., Elson R.A.W., Gilmore G.F.), **281**, 1363
- The age of the old Magellanic Cloud clusters – II. NGC 1786, 1841 and 2210 as evidence for an old coeval population of LMC and galactic globular clusters (Brocato E., Castellani V., Ferraro F.R., Piersimoni A.M., Testa V.), **282**, 614
- A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources (Biggs J.D., Lyne A.G.), **282**, 691
- Ages of globular clusters: a new approach (Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B.), **282**, 926
- ROSAT* HRI observations of the globular clusters M13 and M92 (Fox D., Lewin W., Margon B., van Paradijs J., Verbunt F.), **282**, 1027
- The effect of encounters on the eccentricity of binaries in clusters (Heggie D.C., Rasio F.A.), **282**, 1064
- An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kernan P.J., Krauss L.M., Sarajedini A.), **283**, 683
- Globular clusters: individual: M5**
- Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates (Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börgen F., Ziemer R.), **278**, 251
- The M5 RR Lyrae population (Reid N.), **278**, 367
- Discovery of six short-period eclipsing binaries in the globular cluster M5 (Yan L., Reid I.N.), **279**, 751
- Erratum: The M5 RR Lyrae population (Reid N.), **282**, 304
- Globular clusters: individual: M12**
- Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates (Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börgen F., Ziemer R.), **278**, 251
- Globular clusters: individual: M13**
- Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
- ROSAT* HRI observations of the globular clusters M13 and M92 (Fox D., Lewin W., Margon B., van Paradijs J., Verbunt F.), **282**, 1027
- Globular clusters: individual: M15**
- Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates (Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börgen F., Ziemer R.), **278**, 251
- Globular clusters: individual: M55**
- Mass motions in the atmospheres of red giants in the globular clusters M55 and M13 (Lyons M.A., Kemp S.N., Bates B., Shaw C.R.), **280**, 835
- Globular clusters: individual: M68**
- An accurate relative age estimator for globular clusters (Chaboyer B., Demarque P., Kernan P.J., Krauss L.M., Sarajedini A.), **283**, 683
- Globular clusters: individual: M92**
- ROSAT* HRI observations of the globular clusters M13 and M92 (Fox D., Lewin W., Margon B., van Paradijs J., Verbunt F.), **282**, 1027
- Globular clusters: individual: NGC 6712**
- Periodic UV modulation of X1850–087: a double degenerate binary in the globular cluster NGC 6712? (Homer L., Charles P.A., Naylor T., van Paradijs J., Aurière M., Koch-Miramond L.), **282**, L37
- Globular clusters: individual: 47 Tuc**
- HST* photometry of 47 Tuc and analysis of the stellar luminosity function in Milky Way clusters (Santiago B.X., Elson R.A.W., Gilmore G.F.), **281**, 1363
- Halo**
- The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727
- The nature of the Galactic dark matter (Evans N.W.), **278**, L5
- Dynamical families in the Galactic globular cluster system (Bellazzini M., Vesperini E., Ferraro F.R., Fusi Pecci F.), **279**, 337
- Constraints on massive black holes as dark matter candidates using Galactic globular clusters (Klessen R., Burkert A.), **280**, 735
- HST* star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871
- Kinematics of the outer stellar halo (Flynn C., Sommer-Larsen J., Christensen P.R.), **281**, 1027
- Kinematics and dynamics**
- Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates (Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börgen F., Ziemer R.), **278**, 251
- Dynamical families in the Galactic globular cluster system (Bellazzini M., Vesperini E., Ferraro F.R., Fusi Pecci F.), **279**, 337
- Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc (Sridhar S., Touma J.), **279**, 1263
- The rotation curve of the Galaxy obtained from planetary nebulae and AGB stars (Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J.), **281**, 339
- Kinematics of the outer stellar halo (Flynn C., Sommer-Larsen J., Christensen P.R.), **281**, 1027
- Polytropic gas spheres: an approximate analytic solution of the Lane–Emden equation (Liu F.K.), **281**, 1197
- A consistent microlensing model for the Galactic bar (Zhao H., Rich R.M., Spergel D.N.), **282**, 175
- A steady-state dynamical model for the *COBE*-detected Galactic bar (Zhao H.), **283**, 149
- Open clusters and associations: general**
- Numerical study of energy diffusion in King models (Theuns T.), **279**, 827
- CCD photometry of the old open cluster Collinder 261 (Gozzoli E., Tosi M., Marconi G., Bragaglia A.), **283**, 66
- Open clusters and associations: individual: Collinder 261**
- CCD photometry of the old open cluster Collinder 261 (Gozzoli E., Tosi M., Marconi G., Bragaglia A.), **283**, 66
- Open clusters and associations: individual: Haffner 19**
- UBV(RI)*_C photometry and spectroscopy of the young open cluster Haffner 19 (Munari U., Carraro G.), **283**, 905
- Open clusters and associations: individual: IC 4665**
- UBV(RI)*_C observations of Johnson's standard sequence in IC 4665 (Menzies J.W., Marang F.), **282**, 313
- Open clusters and associations: individual: NGC 2362**
- CCD Strömgren photometry of NGC 2362 (Balona L.A., Laney C.D.), **281**, 1341
- Open clusters and associations: individual: NGC 6791**
- A search for detached eclipsing binary systems in the oldest known open cluster NGC 6791 (Rucinski S.M., Kaluzny J., Hilditch R.W.), **282**, 705
- Solar neighbourhood**
- The metallicity distribution of G dwarfs in the solar neighbourhood (Rocha-Pinto H.J., Maciel W.J.), **279**, 447
- Stellar content**
- The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727
- A three-dimensional classification for WN stars (Smith L.F., Shara M.M., Moffat A.F.J.), **281**, 163
- HST* star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871
- CCD photometry of the old open cluster Collinder 261 (Gozzoli E., Tosi M., Marconi G., Bragaglia A.), **283**, 66
- Discovery of four binary millisecond pulsars (Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F.), **283**, 1383
- On the galactic and cosmic merger rate of double neutron stars (van den Heuvel E.P.J., Lorimer D.R.), **283**, L37
- Structure**
- On the deprojection of the Galactic bulge (Binney J., Gerhard O.), **279**, 1005
- The rotation curve of the Galaxy obtained from planetary nebulae and

- AGB stars (Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J.), **281**, 339
- HST* star counts at high galactic latitudes (Santiago B.X., Gilmore G., Elson R.A.W.), **281**, 871
- Polytropic gas spheres: an approximate analytic solution of the Lane-Emden equation (Liu F.K.), **281**, 1197
- A consistent microlensing model for the Galactic bar (Zhao H., Rich R.M., Spergel D.N.), **282**, 175
- A steady-state dynamical model for the *COBE*-detected Galactic bar (Zhao H.), **283**, 149
- Star counts in the *Hubble Deep Field*: constraining galactic structure models (Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J.), **283**, 666

Galaxies

Abundances

- The high-redshift deuterium abundance: the $z = 3.086$ absorption complex towards Q 0420-388 (Carswell R.F., Webb J.K., Lanzetta K.M., Baldwin J.A., Cooke A.J., Williger G.M., Rauch M., Irwin M.J., Robertson J.G., Shaver P.A.), **278**, 506
- The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829
- Metallicity and abundance ratios in elliptical galaxies (de Freitas Pacheco J.A.), **278**, 841
- Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083
- The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720
- The chemical evolution of a galactic disc with infall and radial motions - II. Departures from centrifugal equilibrium (Pitts E., Taylor R.J.), **280**, 1101
- Global chemical evolution - I. QSO absorbers and the chemical evolution of galaxy discs (Phillipps S., Edmunds M.G.), **281**, 362
- The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781
- The effects of cluster environment on the chemical evolution of galaxies - III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), **283**, 635
- N/O in spiral discs: a new algorithm for abundance determinations (Thurston T.R., Edmunds M.G., Henry R.B.C.), **283**, 990

Active

- ROSAT* PSPC observations of the infrared quasar IRAS 13349 + 2438: evidence for a warm absorber with internal dust (Brandt W.N., Fabian A.C., Pounds K.A.), **278**, 326
- Near-infrared and millimetre polarimetry of Cen A (Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406
- ROSAT* observations of the SIGMA source GRS 1227 + 025 near 3C 273 (Leach C.M., McHardy I.M.), **278**, 465
- ROSAT* PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots (Reynolds C.S., Fabian A.C.), **278**, 479
- A spectrophotometric study of the Seyfert 1 galaxy NGC 4253 (González Delgado R.M., Pérez E.), **278**, 737
- Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- The near-infrared continuum of Seyfert 2s - deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902
- A test for partial correlation with censored astronomical data (Akritas M.G., Siebert J.), **278**, 919
- Multiwavelength energy distributions of ultraluminous *IRAS* galaxies - I. Submillimetre and X-ray observations (Rigopoulou D., Lawrence A., Rowan-Robinson M.), **278**, 1049
- Differential number counts of radio galaxies and quasars: evidence against the unified scheme (Singal A.K.), **278**, 1069
- Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111
- On the origin of double-peaked emission lines in active galactic nuclei (Livio M., Pringle J.E.), **278**, L35
- The prediction of the spectral properties of BL Lac samples (Marchà M.J.M., Browne I.W.A.), **279**, 72
- On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165
- Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400 (Holloway A.J., Steffen W., Pedlar A., Axon D.J., Dyson J.E., Meaburn J., Tadhunter C.N.), **279**, 171
- Morphologies in megaparsec-size powerful radio galaxies (Subrahmanyam R., Saripalli L., Hunstead R.W.), **279**, 257
- Optical monitoring of luminous AGN - I. Radio-loud quasars (Netzer H., Heller A., Loinger F., Alexander T., Baldwin J.A., Wills B.J., Han M., Frueh M., Higdon J.L.), **279**, 429
- A new large sample of ultraluminous *IRAS* galaxies (Clements D.L., Sutherland W.J., Saunders W., Efstathiou G.P., McMahon R.G., Maddox S., Lawrence A., Rowan-Robinson M.), **279**, 459
- The *ROSAT* X-ray spectra of BL Lacertae objects (Padovani P., Giommi P.), **279**, 526
- The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325-5926 (Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H.), **279**, 837
- The R-band Hubble diagram for gigahertz peaked spectrum radio galaxies (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K., van Ojik R.), **279**, 1294
- The soft X-ray properties of a complete sample of radio sources (Siebert J., Brinkmann W., Morganti R., Tadhunter C.N., Danziger I.J., Fosbury R.A.E., di Serego Alighieri S.), **279**, 1331
- A study of 4C 13.66 - the final identification and redshift for the revised 3C sample (Rawlings S., Lacy M., Leahy J.P., Dunlop J.S., Garrington S.T., Lüdke E.), **279**, L13
- Spectropolarimetry of 3C 265, a misaligned radio galaxy (di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fournon I.), **279**, L57
- Scattered broad optical lines in the polarized flux spectrum of the FR II galaxy 3C 321 (Young S., Hough J.H., Efstathiou A., Wills B.J., Axon D.J., Bailey J.A., Ward M.J.), **279**, L72
- Narrow-band imaging of the circumnuclear emission-line region of M81 (Golev V., Yankulova I., Bonev T.), **280**, 29
- The emission-line knot in the Seyfert 2 galaxy NGC 5347 (González Delgado R.M., Pérez E.), **280**, 53
- On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67
- A deep *ROSAT* survey - V. The extragalactic populations at faint fluxes (Georgantopoulos I., Stewart G.C., Shanks T., Boyle B.J., Griffiths R.E.), **280**, 276
- Optical and near-infrared spectropolarimetry of the infrared-luminous galaxy IRAS 23060 + 0505 (Young S., Hough J.H., Axon D.J., Ward M.J., Bailey J.A.), **280**, 291
- Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies (Heisler C.A., De Robertis M.M., Nadeau D.), **280**, 579
- Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), **280**, 781
- Imaging of the field of 4C 41.17 below the Lyman limit (Lacy M., Rawlings S.), **280**, 888
- Evolution of the aligned structures in $z \sim 1$ radio galaxies (Best P.N., Longair M.S., Röttgering H.J.A.), **280**, L9
- A Deep *ROSAT* Survey - X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71
- Self-induced warping of accretion discs (Pringle J.E.), **281**, 357
- Emission-line ratios in a radio-selected sample of active galactic nuclei (Simpson C., Ward M., Clements D.L., Rawlings S.), **281**, 509
- The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey (Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fournon I.), **281**, 579
- Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickson R.C., Shaw M.A.), **281**, 591
- The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781
- The Canada-France Redshift Survey - XII. Nature of emission-line field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasinska G., Le Fèvre O., Lilly S.J., Crampton D.), **281**, 847
- Spectrophotometry of a sample of 7C giant radio sources (Cotter G., Rawlings S., Saunders R.), **281**, 1081
- The spatially extended LINERs NGC 4579 and 6500 (González Delgado R.M., Pérez E.), **281**, 1105
- Polarimetry and modelling of narrow-line active galaxies (Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J.), **281**, 1206
- Optical and X-ray properties of the RIXOS active galactic nuclei - I.

- The continua (Puchnarewicz E.M., Mason K.O., Romero-Colmenero E., Carrera F.J., Hasinger G., McMahon R., Mittaz J.P.D., Page M.J., Carballo R.), **281**, 1243
- Intranight optical monitoring of optically selected bright quasars (Sagar R., Gopal-Krishna, Wiita P.J.), **281**, 1267
- A *ROSAT* HRI observation of 3C 356: further evidence for a distant intracluster medium (Crawford C.S., Fabian A.C.), **281**, L5
- Contributions of AGNs and SNe Ia to the cosmic X-ray and gamma-ray backgrounds (Zdziarski A.A.), **281**, L9
- ROSAT* PSPC spectra of X-ray-selected narrow-emission-line galaxies (Romero-Colmenero E., Branduardi-Raymont G., Carrera F.J., Jones L.R., Mason K.O., McHardy I.M., Mittaz J.P.D.), **282**, 94
- A paradigm revisited: the accretion disc in AGNs and quasars (Gondhalekar P.M., Rouillon-Foley C., Kellett B.J.), **282**, 117
- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130
- The head-tail and wide-angle-tail radio galaxies in cluster A3627 (Jones P.A., McAdam W.B.), **282**, 137
- The realignment of a black hole misaligned with its accretion disc (Scheuer P.A.G., Feiler R.), **282**, 291
- A deep *ROSAT* survey – XII. The X-ray spectra of faint *ROSAT* sources (Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I.), **282**, 295
- ROSAT* observations of 3C radio-loud sources (Prieto M.A.), **282**, 421
- The X-ray spectral properties of X-ray-selected AGN: *ROSAT* spectra of EMSS AGN (Cilegi P., Maccacaro T.), **282**, 477
- Soft versus hard X-ray emission in active galactic nuclei: partial-covering and warm-plus-cold absorber models (Ceballos M.T., Barcons X.), **282**, 493
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- The intranight variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788
- A dynamical model for the narrow-line region of active galactic nuclei (Simpson C., Ward M.), **282**, 797
- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837
- Polarization from magnetized accretion discs in active galactic nuclei (Agol E., Blaes O.), **282**, 965
- WN 1626 + 5153: a giant radio galaxy from the WENSS survey (Röttgering H.J.A., Tang Y., Bremer M.A.R., de Bruyn A.G., Miley G.K., Rengelink R.B., Bremer M.N.), **282**, 1033
- The QSO variability–luminosity–redshift relation (Cid Fernandes R., Jr, Aretxaga I., Terlevich R.), **282**, 1191
- IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets (Steffen W., Holloway A.J., Pedlar A.), **282**, 1203
- On possible signatures of heavy neutrino balls in active galactic nuclei (Tsiklauri D., Viollier R.D.), **282**, 1299
- The radio, optical and X-ray properties of the radio source 0927 + 352 (Machalski J., Brandt W.N.), **282**, 1305
- ROSAT* observations of distant 3CR radio galaxies – II (Crawford C.S., Fabian A.C.), **282**, 1483
- Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53
- On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419
- Evidence for widely separated primary and secondary hotspots in 3C 171 (Blundell K.M.), **283**, 538
- A month in the life of NGC 4151: velocity-delay maps of the broad-line region (Ulrich M.-H., Horne K.), **283**, 748
- Forbidden Fe⁺ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777
- On black hole evolution in active galactic nuclei (Moderski R., Sikora M.), **283**, 854
- The matter content of the jet in M87: evidence for an electron–positron jet (Reynolds C.S., Fabian A.C., Celotti A., Rees M.J.), **283**, 873
- A near-IR study of the host galaxies of radio-quiet quasars, radio-loud quasars and radio galaxies (Taylor G.L., Dunlop J.S., Hughes D.H., Robson E.I.), **283**, 930
- Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderriest C.), **283**, 1003
- ROSAT* soft X-ray properties of the Large Bright Quasar Survey: modelling of stacked X-ray spectra (Schartel N., Green P.J., Anderson S.F., Hewett P.C., Foltz C.B., Margon B., Brinkmann W., Fink H., Trümper J.), **283**, 1015
- Double-peaked Balmer line emission in the radio-quiet AGN RX J1042 + 1212 (Puchnarewicz E.M., Mason K.O., Carrera F.J.), **283**, 1311
- Physical constraints on the sizes of dense clouds in the central magnetospheres of active galactic nuclei (Kuncic Z., Blackman E.G., Rees M.J.), **283**, 1322
- The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1
- The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396 (Mason K.O., Puchnarewicz E.M., Jones L.R.), **283**, L26
- Anomalous radio-loudness of Cygnus A and other powerful radio galaxies (Barthel P.D., Arnaud K.A.), **283**, L45
- The ‘quiescent’ black hole in M87 (Reynolds C.S., Di Matteo T., Fabian A.C., Hwang U., Canizares C.R.), **283**, L111
- Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals? (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K.), **283**, L123
- BL Lacertae objects: general**
- The prediction of the spectral properties of BL Lac samples (Marchá M.J.M., Browne I.W.A.), **279**, 72
- The *ROSAT* X-ray spectra of BL Lacertae objects (Padovani P., Giommi P.), **279**, 526
- On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67
- Optical spectroscopy and polarization of a new sample of optically bright flat radio spectrum sources (Marchá M.J.M., Browne I.W.A., Impey C.D., Smith P.S.), **281**, 425
- The intranight variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788
- The radio, optical and X-ray properties of the radio source 0927 + 352 (Machalski J., Brandt W.N.), **282**, 1305
- Host galaxy and close environment of BL Lacertae objects (Falomo R.), **283**, 241
- The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm (Gabuzda D.C., Cawthorne T.V.), **283**, 759
- BL Lacertae objects: individual: BL Lacertae**
- The appearance of broad H α in BL Lacertae (Corbett E.A., Robinson A., Axon D.J., Hough J.H., Jeffries R.D., Thurston M.R., Young S.), **281**, 737
- Clusters: general**
- The scale and dispersion of galactic alignments (Coutts A.), **278**, 87
- Random dilutions, generating functions, and the void probability distribution function (Sheth R.K.), **278**, 101
- The velocity dispersion profiles of clusters of galaxies: a cosmological test and the sampling effect (Jing Y.P., Börner G.), **278**, 321
- A non-parametric and scale-independent method for cluster analysis – II. The multivariate case (Pisani A.), **278**, 697
- The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829
- Minimal spanning tree statistics for the analysis of large-scale structure (Krzewina L.G., Saslaw W.C.), **278**, 869
- The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1
- On the dynamics of the cores of galaxy clusters (den Hartog R., Katgert P.), **279**, 349
- Galactic extinction and Abell clusters (Nichol R.C., Connolly A.J.), **279**, 521
- Using the kinematic Sunyaev–Zeldovich effect to determine the peculiar velocities of clusters of galaxies (Haehnelt M.G., Tegmark M.), **279**, 545
- Kurtosis in large-scale structure as a constraint on non-Gaussian initial conditions (Chodorowski M.J., Bouchet F.R.), **279**, 557
- Blue compact dwarf galaxies and new velocities in Virgo (Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M.), **279**, 595
- The clustering of warm and cool *IRAS* galaxies (Mann R.G., Saunders W., Taylor A.N.), **279**, 636
- The distribution of pairwise peculiar velocities in the non-linear regime (Sheth R.K.), **279**, 1310

- Galaxy counts and the galaxy two-point angular correlation function to $l = 23$ (Lidman C.E., Peterson B.A.), 279, 1357
- Sampling effects on cosmological dipoles (Kolokotronis V., Plionis M., Coles P., Borgani S., Moscardini L.), 280, 186
- Cluster mass reconstruction from weak gravitational lensing (Wilson G., Cole S., Frenk C.S.), 280, 199
- The real-space correlation function measured from the APM Galaxy Survey (Baugh C.M.), 280, 267
- A deep *ROSAT* survey – V. The extragalactic populations at faint fluxes (Georgantopoulos I., Stewart G.C., Shanks T., Boyle B.J., Griffiths R.E.), 280, 276
- Interaction in the bimodal galaxy cluster A3528 (Schindler S.), 280, 309
- Erratum: Substructure in clusters of galaxies and the value of Ω (Dutta S.N.), 280, 335
- The clustering of blue and red galaxies at $B \sim 25.5$ mag (Roche N., Shanks T., Metcalfe N., Fong R.), 280, 397
- The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), 280, 438
- Formation rate of gravitational structures and the cosmic X-ray background radiation (Kitayama T., Suto Y.), 280, 638
- Large-scale structure in a new deep *IRAS* galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), 280, 673
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), 280, 749
- Counts-in-cells analysis of the statistical distribution in an N -body simulated universe (Ueda H., Yokoyama J.), 280, 754
- Testing Ansätze for quasi-non-linear clustering: the linear APM power spectrum (Baugh C.M., Gaztañaga E.), 280, L37
- Peak and gravity constraints in Gaussian primordial density fields: an application of the Hoffman–Ribak method (van de Weygaert R., Bertschinger E.), 281, 84
- A nested-grid particle-mesh code for high-resolution simulations of gravitational instability in cosmology (Splinter R.J.), 281, 281
- Physical constraints on the halo mass function (Porciani C., Ferrini F., Lucchin F., Matarrese S.), 281, 311
- Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), 281, 799
- QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function (Croom S.M., Shanks T.), 281, 893
- The distribution of counts in cells in the non-linear regime (Sheth R.K.), 281, 1124
- Galton–Watson branching processes and the growth of gravitational clustering (Sheth R.K.), 281, 1277
- B – R colours of globular clusters in NGC 6166 (A2199) (Bridges T.J., Carter D., Harris W.E., Pritchett C.J.), 281, 1290
- Quantifying the topology of large-scale structure (Coles P., Davies A.G., Pearson R.C.), 281, 1375
- The giant protogalaxy cB58: an artefact of gravitational lensing? (Williams L.L.R., Lewis G.F.), 281, L35
- The Durham/UKST Galaxy Redshift Survey – I. Large-scale structure in the Universe (Ratcliffe A., Shanks T., Broadbent A., Parker Q.A., Watson F.G., Oates A.P., Fong R., Collins C.A.), 281, L47
- Cosmological implications of galaxy cluster evolution (Tsai J.C., Buote D.A.), 282, 77
- Cluster evolution as a diagnostic for Ω (Eke V.R., Cole S., Frenk C.S.), 282, 263
- An analytic model for the spatial clustering of dark matter haloes (Mo H.J., White S.D.M.), 282, 347
- The cluster distribution as a test of dark matter models – III. The cluster velocity field (Moscardini L., Branchini E., Tini Brunozi P., Borgani S., Plionis M., Coles P.), 282, 384
- Constraining Ω_0 using weak gravitational lensing by clusters (Wilson G., Cole S., Frenk C.S.), 282, 501
- The correlation function of clusters of galaxies and the amplitude of mass fluctuations in the Universe (Mo H.J., Jing Y.P., White S.D.M.), 282, 1096
- Power spectrum analysis of the Stromlo–APM redshift survey (Tadros H., Efsthathiou G.), 282, 1381
- Large-scale fluctuations in the distribution of galaxies (Baugh C.M.), 282, 1413
- ASCA* and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), 283, 263
- A comparison of X-ray and strong lensing properties of simulated X-ray clusters (Bartelmann M., Steinmetz M.), 283, 431
- The effects of cluster environment on the chemical evolution of galaxies – III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), 283, 635
- What bent the jets in 4C 34.16? (Sakelliou I., Merrifield M.R., McHardy I.M.), 283, 673
- A *ROSAT* survey of Hickson's compact galaxy groups (Ponman T.J., Bourner P.D.J., Ebeling H., Böhringer H.), 283, 690
- The two-point correlation function and morphological segregation in the Optical Redshift Survey (Hermit S., Santiago B.X., Lahav O., Strauss M.A., Davis M., Dressler A., Huchra J.P.), 283, 709
- Detection of (dark) matter concentrations via weak gravitational lensing (Schneider P.), 283, 837
- Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderriest C.), 283, 1003
- Probing the dynamics of cluster-lenses (Natarajan P., Kneib J.-P.), 283, 1031
- On the origin of the magnetic fields associated with radio haloes in galaxy clusters (Okoye S.E., Onuora L.I.), 283, 1047
- Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), 283, 1103
- Collisional versus collisionless matter: a one-dimensional analysis of gravitational clustering (Gheller C., Moscardini L., Pantano O.), 283, 1184
- Large- and superlarge-scale structure in the Las Campanas Redshift Survey (Doroshkevich A.G., Tucker D.L., Oemler A., Jr, Kirshner R.P., Huan Lin, Shectman S.A., Landy S.D., Fong R.), 283, 1281
- A wide-field K -band survey – II. Galaxy clustering (Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M.), 283, L15
- Clusters: individual: Abell 262**
The effects of cluster environment on the chemical evolution of galaxies – III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), 283, 635
- Clusters: individual: Abell 1413**
A resolved image of the Sunyaev–Zeldovich effect in Abell 1413 (Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A.), 278, L17
- Clusters: individual: A2218**
Identification of a gravitationally lensed $z = 2.515$ star-forming galaxy (Ebbels T.M.D., Le Borgne J.-F., Pelló R., Ellis R.S., Kneib J.-P., Smail I., Sanahuja B.), 281, L75
- Clusters: individual: Abell 2218**
Probing the dynamics of cluster-lenses (Natarajan P., Kneib J.-P.), 283, 1031
- Clusters: individual: Abell 2634**
Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), 280, 895
- Clusters: individual: A3528**
Interaction in the bimodal galaxy cluster A3528 (Schindler S.), 280, 309
- Clusters: individual: A3627**
The head–tail and wide-angle-tail radio galaxies in cluster A3627 (Jones P.A., McAdam W.B.), 282, 137
- Clusters: individual: CL 0024**
The Fundamental Plane in CL 0024 at $z = 0.4$: implications for the evolution of the mass-to-light ratio (van Dokkum P.G., Franx M.), 281, 985
- Clusters: individual: Coma**
On the origin of the magnetic fields associated with radio haloes in galaxy clusters (Okoye S.E., Onuora L.I.), 283, 1047

Clusters: individual: Cygnus A

ROSAT PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots (Reynolds C.S., Fabian A.C.), **278**, 479

Clusters: individual: Pisces

Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), **280**, 895

Clusters: individual: PKS 0745-191

A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745-191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615

Clusters: individual: Virgo

Blue compact dwarf galaxies and new velocities in Virgo (Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M.), **279**, 595

Compact

Blue compact dwarf galaxies and new velocities in Virgo (Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M.), **279**, 595

Cooling flows

ROSAT PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots (Reynolds C.S., Fabian A.C.), **278**, 479

A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745-191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615

A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319

The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), **280**, 438

The Baryon Catastrophe and the multiphase intracluster medium (Gunn K.F., Thomas P.A.), **281**, 1133

B-R colours of globular clusters in NGC 6166 (A2199) (Bridges T.J., Carter D., Harris W.E., Pritchett C.J.), **281**, 1290

A *ROSAT* HRI observation of 3C 356: further evidence for a distant intracluster medium (Crawford C.S., Fabian A.C.), **281**, L5

ASCA and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), **283**, 263

Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderriest C.), **283**, 1003

On the origin of the magnetic fields associated with radio haloes in galaxy clusters (Okoye S.E., Onuora L.I.), **283**, 1047

Distances and redshifts

Blue compact dwarf galaxies and new velocities in Virgo (Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M.), **279**, 595

The Muenster Redshift Project: improved methods for automated galaxy redshift measurements from very low-dispersion objective-prism spectra (Schuecker P.), **279**, 1057

The Fundamental Plane for cluster E and S0 galaxies (Jørgensen I., Franx M., Kjærgaard P.), **280**, 167

Pure luminosity evolution models for faint field galaxy samples (Pozzetti L., Bruzual A.G., Zamorani G.), **281**, 953

Angular sizes and luminosity evolution of faint galaxies (Roche N., Ratnatunga K., Griffiths R.E., Im M., Neuschaefer L.), **282**, 1247

Are the Perseus-Pisces chain and the Pavo-Indus wall connected? (Di Nella H., Couch W.J., Paturel G., Parker Q.A.), **283**, 367

Elliptical and lenticular, cD

The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829

Metallicity and abundance ratios in elliptical galaxies (de Freitas Pacheco J.A.), **278**, 841

The energetics of flat and rotating early-type galaxies and their X-ray luminosity (Ciotti L., Pellegrini S.), **279**, 240

Dust in high-redshift radio galaxies and the early evolution of spheroidal galaxies (Mazzei P., De Zotti G.), **279**, 535

The Fundamental Plane for cluster E and S0 galaxies (Jørgensen I., Franx M., Kjærgaard P.), **280**, 167

Large-scale structure in a new deep *IRAS* galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), **280**, 673

Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), **280**, 895

Finite-mass isothermal spheres and the structure of globular clusters (Madsen J.), **280**, 1089

The Fundamental Plane of elliptical galaxies and the virial theorem (Levine S.E., Aguilar L.A.), **280**, L13

The age of elliptical galaxies and bulges in a merger model (Kauffmann G.), **281**, 487

The Fundamental Plane in CL 0024 at $z = 0.4$: implications for the evolution of the mass-to-light ratio (van Dokkum P.G., Franx M.), **281**, 985

A family of triaxial mass models with central cusps (de Zeeuw P.T., Carollo C.M.), **281**, 1333

The tilt of the fundamental plane of elliptical galaxies – I. Exploring dynamical and structural effects (Ciotti L., Lanzoni B., Renzini A.), **282**, 1

Comparative study of fine structure in samples of isolated and paired early-type galaxies (Reduzzi L., Longhetti M., Rampazzo R.), **282**, 149

Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909

Angular sizes and luminosity evolution of faint galaxies (Roche N., Ratnatunga K., Griffiths R.E., Im M., Neuschaefer L.), **282**, 1247

The origin of galactic discs with exponential z -profiles (Burkert A., Yoshii Y.), **282**, 1349

Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381

A search for counter-rotating stars in S0 galaxies (Kuijken K., Fisher D., Merrifield M.R.), **283**, 543

Detection of strong evolution in the population of early-type galaxies (Kauffmann G., Charlot S., White S.D.M.), **283**, L117

Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals? (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K.), **283**, L123

Evolution

Star formation history in a sample of starburst galaxies (Alonso-Herrero A., Aragón-Salamanca A., Zamorano J., Rego M.), **278**, 417

The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829

Metallicity and abundance ratios in elliptical galaxies (de Freitas Pacheco J.A.), **278**, 841

The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1

Dust in high-redshift radio galaxies and the early evolution of spheroidal galaxies (Mazzei P., De Zotti G.), **279**, 535

Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847

Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083

K-band photometry of spectroscopic redshift survey objects (Gardner J.P.), **279**, 1157

Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc (Sridhar S., Touna J.), **279**, 1263

The *R*-band Hubble diagram for gigahertz peaked spectrum radio galaxies (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K., van Ojik R.), **279**, 1294

The distribution of pairwise peculiar velocities in the non-linear regime (Sheth R.K.), **279**, 1310

The optical identification of a primeval galaxy at $z \geq 4.4$ (Fontana A., Cristiani S., D'Odorico S., Giallongo E., Savaglio S.), **279**, L27

Galaxy morphology to $I = 25$ mag in the *Hubble Deep Field* (Abraham R.G., Tanvir N.R., Santiago B.X., Ellis R.S., Glazebrook K., van den Bergh S.), **279**, L47

Autofib Redshift Survey – I. Evolution of the galaxy luminosity function (Ellis R.S., Colless M., Broadhurst T., Heyl J., Glazebrook K.), **280**, 235

The clustering of blue and red galaxies at $B \sim 25.5$ mag (Roche N., Shanks T., Metcalfe N., Fong R.), **280**, 397

Faint blue galaxies as a probe of the X-ray background at high redshift (Treyer M.A., Lahav O.), **280**, 469

The chemical evolution of a galactic disc with infall and radial motions – II. Departures from centrifugal equilibrium (Pitts E., Tayler R.J.), **280**, 1101

- The implications of large dust masses at high redshifts: a first look at galactic evolution in the submillimetre waveband (Eales S.A., Edmunds M.G.), **280**, 1167
- Evolution of the aligned structures in $z \sim 1$ radio galaxies (Best P.N., Longair M.S., Röttgering H.J.A.), **280**, L9
- The Fundamental Plane of elliptical galaxies and the virial theorem (Levine S.E., Aguilar L.A.), **280**, L13
- Global chemical evolution – I. QSO absorbers and the chemical evolution of galaxy discs (Phillipps S., Edmunds M.G.), **281**, 362
- Disc galaxies at $z = 0$ and at high redshift: an explanation of the observed evolution of damped Ly α absorption systems (Kauffmann G.), **281**, 475
- The Canada–France Redshift Survey – XII. Nature of emission-line field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D.), **281**, 847
- Faint galaxies close to QSOs with damped Lyman α absorption systems (Aragón-Salamanca A., Ellis R.S., O'Brien K.S.), **281**, 945
- Pure luminosity evolution models for faint field galaxy samples (Pozzetti L., Bruzual A. G., Zamorani G.), **281**, 953
- The Fundamental Plane in CL 0024 at $z = 0.4$: implications for the evolution of the mass-to-light ratio (van Dokkum P.G., Franx M.), **281**, 985
- The distribution of counts in cells in the non-linear regime (Sheth R.K.), **281**, 1124
- Dynamical friction in disc galaxies with non-zero velocity dispersion (Wahde M., Donner K.J., Sundelius B.), **281**, 1165
- Galton–Watson branching processes and the growth of gravitational clustering (Sheth R.K.), **281**, 1277
- Identification of a gravitationally lensed $z = 2.515$ star-forming galaxy (Ebbels T.M.D., Le Borgne J.-F., Pelló R., Ellis R.S., Kneib J.-P., Smail I., Sanahuja B.), **281**, L75
- Cosmological implications of galaxy cluster evolution (Tsai J.C., Buote D.A.), **282**, 77
- The age of the old Magellanic Cloud clusters – II. NGC 1786, 1841 and 2210 as evidence for an old coeval population of LMC and galactic globular clusters (Brocato E., Castellani V., Ferraro F.R., Piersimoni A.M., Testa V.), **282**, 614
- Limits on H α emission from young galaxies (Collins C.A., Parkes I.M., Joseph R.D.), **282**, 903
- Angular sizes and luminosity evolution of faint galaxies (Roche N., Ratnatunga K., Griffiths R.E., Im M., Neuschaefer L.), **282**, 1247
- APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers (Storrie-Lombardi L.J., Irwin M.J., McMahon R.G.), **282**, 1330
- A wide-field K-band survey – I. Galaxy counts in B , V , I and K (Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S.), **282**, L1
- The nature of the faint galaxies in the *Hubble Deep Field* (Mobasher B., Rowan-Robinson M., Georgakakis A., Eaton N.), **282**, L7
- Faint galaxy counts as a function of morphological type in a hierarchical merger model (Baugh C.M., Cole S., Frenk C.S.), **282**, L27
- H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18
- Starburst galaxy contributions to extragalactic source counts (Pearson C., Rowan-Robinson M.), **283**, 174
- The effects of cluster environment on the chemical evolution of galaxies – III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), **283**, 635
- On black hole evolution in active galactic nuclei (Moderski R., Sikora M.), **283**, 854
- Colours, luminosity functions and counts of galaxies (Saracco P., Chincarini G., Iovino A.), **283**, 865
- Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055
- Galaxy–galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340
- Evolution of the Hubble sequence in hierarchical models for galaxy formation (Baugh C.M., Cole S., Frenk C.S.), **283**, 1361
- High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388
- Evolution of neutral gas at high redshift: implications for the epoch of galaxy formation (Storrie-Lombardi L.J., McMahon R.G., Irwin M.J.), **283**, L79
- Detection of strong evolution in the population of early-type galaxies (Kauffmann G., Charlot S., White S.D.M.), **283**, L117
- Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals? (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K.), **283**, L123
- ### Formation
- The scale and dispersion of galactic alignments (Coutts A.), **278**, 87
- Minimal spanning tree statistics for the analysis of large-scale structure (Krzewina L.G., Saslaw W.C.), **278**, 869
- GRAPESPH: cosmological smoothed particle hydrodynamics simulations with the special-purpose hardware GRAPE (Steinmetz M.), **278**, 1005
- Photoionization and the formation of dwarf galaxies (Quinn T., Katz N., Efstathiou G.), **278**, L49
- Blue compact dwarf galaxies and new velocities in Virgo (Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M.), **279**, 595
- The distribution of pairwise peculiar velocities in the non-linear regime (Sheth R.K.), **279**, 1310
- The optical identification of a primeval galaxy at $z \geq 4.4$ (Fontana A., Cristiani S., D'Odorico S., Giallongo E., Savaglio S.), **279**, L27
- Galaxy morphology to $I = 25$ mag in the *Hubble Deep Field* (Abraham R.G., Tanvir N.R., Santiago B.X., Ellis R.S., Glazebrook K., van den Bergh S.), **279**, L47
- The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337
- Formation rate of gravitational structures and the cosmic X-ray background radiation (Kitayama T., Suto Y.), **280**, 638
- Imaging of the field of 4C 41.17 below the Lyman limit (Lacy M., Rawlings S.), **280**, 888
- The chemical evolution of a galactic disc with infall and radial motions – II. Departures from centrifugal equilibrium (Pitts E., Tayler R.J.), **280**, 1101
- Candidate primeval galaxies in the *Hubble Deep Field* (Clements D.L., Couch W.J.), **280**, L43
- Physical constraints on the halo mass function (Porciani C., Ferrini F., Lucchin F., Matarrese S.), **281**, 311
- Disc galaxies at $z = 0$ and at high redshift: an explanation of the observed evolution of damped Ly α absorption systems (Kauffmann G.), **281**, 475
- The age of elliptical galaxies and bulges in a merger model (Kauffmann G.), **281**, 487
- The distribution of counts in cells in the non-linear regime (Sheth R.K.), **281**, 1124
- Galton–Watson branching processes and the growth of gravitational clustering (Sheth R.K.), **281**, 1277
- An analytic model for the spatial clustering of dark matter haloes (Mo H.J., White S.D.M.), **282**, 347
- The cluster distribution as a test of dark matter models – III. The cluster velocity field (Moscardini L., Branchini E., Tini Brunozi P., Borgani S., Plionis M., Coles P.), **282**, 384
- Evolution of the angular momentum of protogalaxies from tidal torques: Zel'dovich approximation (Catelan P., Theuns T.), **282**, 436
- Non-linear evolution of the angular momentum of protostructures from tidal torques (Catelan P., Theuns T.), **282**, 455
- Merger trees and the multiplicity function of haloes (Rodrigues D.D.C., Thomas P.A.), **282**, 631
- Equilibria of flat and round galactic discs (Pichon C., Lynden-Bell D.), **282**, 1143
- APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers (Storrie-Lombardi L.J., Irwin M.J., McMahon R.G.), **282**, 1330
- The origin of galactic discs with exponential z -profiles (Burkert A., Yoshii Y.), **282**, 1349
- Faint galaxy counts as a function of morphological type in a hierarchical merger model (Baugh C.M., Cole S., Frenk C.S.), **282**, L27
- Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055
- Collisional versus collisionless matter: a one-dimensional analysis of gravitational clustering (Gheller C., Moscardini L., Pantano O.), **283**, 1184
- Galaxy–galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340

- Evolution of the Hubble sequence in hierarchical models for galaxy formation (Baugh C.M., Cole S., Frenk C.S.), **283**, 1361
- The cores of dwarf galaxy haloes (Navarro J.F., Eke V.R., Frenk C.S.), **283**, L72
- Evolution of neutral gas at high redshift: implications for the epoch of galaxy formation (Storrie-Lombardi L.J., McMahon R.G., Irwin M.J.), **283**, L79
- Detection of strong evolution in the population of early-type galaxies (Kauffmann G., Charlot S., White S.D.M.), **283**, L117

Fundamental parameters

- Canada–France Redshift Survey – X. The quasar sample (Schade D., Crampton D., Hammer F., Le Fèvre O., Lilly S.J.), **278**, 95
- The APM Bright Galaxy Catalogue (Loveday J.), **278**, 1025
- On the deprojection of axisymmetric bodies (Gerhard O., Binney J.), **279**, 993
- The Fundamental Plane for cluster E and S0 galaxies (Jørgensen I., Franx M., Kjaergaard P.), **280**, 167
- The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337
- Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), **280**, 895
- Finite-mass isothermal spheres and the structure of globular clusters (Madsen J.), **280**, 1089
- Deprojection of axially symmetric objects (Kochanek C.S., Rybicki G.B.), **280**, 1257
- Using oblique decision trees for the morphological classification of galaxies (Owens E.A., Griffiths R.E., Ratnatunga K.U.), **281**, 153
- The age of elliptical galaxies and bulges in a merger model (Kauffmann G.), **281**, 487
- The giant protogalaxy cB58: an artefact of gravitational lensing? (Williams L.L.R., Lewis G.F.), **281**, L35
- Faint galaxy counts as a function of morphological type in a hierarchical merger model (Baugh C.M., Cole S., Frenk C.S.), **282**, L27
- H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18
- An artificial neural network approach to the classification of galaxy spectra (Folkes S.R., Lahav O., Maddox S.J.), **283**, 651
- Colours, luminosity functions and counts of galaxies (Saracco P., Chincarini G., Iovino A.), **283**, 865

General

- The APM Bright Galaxy Catalogue (Loveday J.), **278**, 1025
- A new large sample of ultraluminous *IRAS* galaxies (Clements D.L., Sutherland W.J., Saunders W., Efsthathiou G.P., McMahon R.G., Maddox S., Lawrence A., Rowan-Robinson M.), **279**, 459
- The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337
- The Durham/UKST Galaxy Redshift Survey – I. Large-scale structure in the Universe (Ratcliffe A., Shanks T., Broadbent A., Parker Q.A., Watson F.G., Oates A.P., Fong R., Collins C.A.), **281**, L47
- Optical surface photometry of radio galaxies – I. Observations and data analysis (Fasano G., Falomo R., Scarpa R.), **282**, 40
- Neural computation as a tool for galaxy classification: methods and examples (Lahav O., Naim A., Sodrè L., Jr, Storrie-Lombardi M.C.), **283**, 207
- Host galaxy and close environment of BL Lacertae objects (Falomo R.), **283**, 241
- Are the Perseus–Pisces chain and the Pavo–Indus wall connected? (Di Nella H., Couch W.J., Paturel G., Parker Q.A.), **283**, 367

Haloes

- The relation between the neutral and the ionized gas in NGC 5252 (Prieto M.A., Freudling W.), **279**, 63
- Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229
- Disc galaxies at $z = 0$ and at high redshift: an explanation of the observed evolution of damped Ly α absorption systems (Kauffmann G.), **281**, 475
- The cores of dwarf galaxy haloes (Navarro J.F., Eke V.R., Frenk C.S.), **283**, L72

Individual: 3C 66B

- The jets in 3C 66B (Hardcastle M.J., Alexander P., Pooley G.G., Riley J.M.), **278**, 273

Individual: 3C 171

- Evidence for widely separated primary and secondary hotspots in 3C 171 (Blundell K.M.), **283**, 538

Individual: 3C 265

- Spectropolarimetry of 3C 265, a misaligned radio galaxy (di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fournon I.), **279**, L57

Individual: 3C293

- A two-sided jet structure in the ‘steep-spectrum core’ of 3C293 (Akujor C.E., Leahy J.P., Garrington S.T., Sanghera H., Spencer R.E., Schilizzi R.T.), **278**, 1

Individual: 3C 321

- Scattered broad optical lines in the polarized flux spectrum of the FR II galaxy 3C 321 (Young S., Hough J.H., Efsthathiou A., Wills B.J., Axon D.J., Bailey J.A., Ward M.J.), **279**, L72
- Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickson R.C., Shaw M.A.), **281**, 591

Individual: 3C 356

- A *ROSAT* HRI observation of 3C 356: further evidence for a distant intracluster medium (Crawford C.S., Fabian A.C.), **281**, L5

Individual: 4C 13.66

- A study of 4C 13.66 – the final identification and redshift for the revised 3C sample (Rawlings S., Lacy M., Leahy J.P., Dunlop J.S., Garrington S.T., Lüdke E.), **279**, L13

Individual: 4C 34.16

- What bent the jets in 4C 34.16? (Sakellou I., Merrifield M.R., McHardy I.M.), **283**, 673

Individual: 4C 41.17

- A search for molecular gas in a high-redshift radio galaxy (Ivison R.J., Papadopoulos P., Seaquist E.R., Eales S.A.), **278**, 669
- Imaging of the field of 4C 41.17 below the Lyman limit (Lacy M., Rawlings S.), **280**, 888

Individual: 0500 + 630

- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837

Individual: 0927 + 352

- The radio, optical and X-ray properties of the radio source 0927 + 352 (Machalski J., Brandt W.N.), **282**, 1305

Individual: Circinus

- A reflection-dominated X-ray spectrum discovered by *ASCA* in the Circinus galaxy (Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M.), **281**, L69

Individual: Draco

- A dynamical study of the Draco dwarf spheroidal galaxy (Hargreaves J.C., Gilmore G., Irwin M.J., Carter D.), **282**, 305

Individual: Dwingeloo I

- Optical observations of Dwingeloo I, a nearby barred spiral galaxy behind the Milky Way (Loan A.J., Maddox S.J., Lahav O., Balcells M., Kraan-Korteweg R.C., Assendorp R., Almozno E., Brosch N., Goldberg E., Ofek E.O.), **280**, 537

Individual: HolI

- Supershells as probe particles for the study of the galactic spin orientation (Silich S.A., Mashchenko S.Ya., Tenorio-Tagle G., Franco J.), **280**, 711

Individual: IRAS 04210 + 0400

- Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400 (Holloway A.J., Steffen W., Pedlar A., Axon D.J., Dyson J.E., Meaburn J., Tadhunter C.N.), **279**, 171
- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130
- IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets (Steffen W., Holloway A.J., Pedlar A.), **282**, 1203

Individual: IRAS 09104 + 4109

Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884

Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderriest C.), **283**, 1003

Individual: IRAS F10214 + 4724

Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884

Individual: IRAS 13349 + 2438

ROSAT PSPC observations of the infrared quasar IRAS 13349 + 2438: evidence for a warm absorber with internal dust (Brandt W.N., Fabian A.C., Pounds K.A.), **278**, 326

Individual: IRAS F15307 + 3252

X-ray emission from the field of the hyperluminous *IRAS* galaxy IRAS F15307 + 3252 (Fabian A.C., Cutri R.M., Smith H.E., Crawford C.S., Brandt W.N.), **283**, L95

Individual: IRAS 18325-5926

The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325-5926 (Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H.), **279**, 837

Individual: IRAS 23060 + 0505

Optical and near-infrared spectropolarimetry of the infrared-luminous galaxy IRAS 23060 + 0505 (Young S., Hough J.H., Axon D.J., Ward M.J., Bailey J.A.), **280**, 291

Individual: Mrk 6

Unusual radio and optical structures in the Seyfert galaxy Markarian 6 (Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A.), **280**, 1283

Individual: Mrk 1498

WN 1626 + 5153: a giant radio galaxy from the WENSS survey (Röttgering H.J.A., Tang Y., Bremer M.A.R., de Bruyn A.G., Miley G.K., Rengelink R.B., Bremer M.N.), **282**, 1033

Individual: MCG-6-30-15

The variable iron K emission line in MCG-6-30-15 (Iwasawa K., Fabian A.C., Reynolds C.S., Nandra K., Otani C., Inoue H., Hayashida K., Brandt W.N., Dotani T., Kunieda H., Matsuoka M., Tanaka Y.), **282**, 1038

Individual: M31

Supershells as probe particles for the study of the galactic spin orientation (Silich S.A., Mashchenko S.Ya., Tenorio-Tagle G., Franco J.), **280**, 711

Individual: M81 (NGC 3031)

Narrow-band imaging of the circumnuclear emission-line region of M81 (Golev V., Yankulova I., Bonev T.), **280**, 29

Individual: M87

The globular clusters in M87: a bimodal colour distribution (Elson R.A.W., Santiago B.X.), **278**, 617

The M87 globular cluster system revisited (Elson R.A.W., Santiago B.X.), **280**, 971

The matter content of the jet in M87: evidence for an electron-positron jet (Reynolds C.S., Fabian A.C., Celotti A., Rees M.J.), **283**, 873

The 'quiescent' black hole in M87 (Reynolds C.S., Di Matteo T., Fabian A.C., Hwang U., Canizares C.R.), **283**, L111

Individual: M100 (NGC 4321)

Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knäpen J.H., Beckman J.E.), **283**, 251

Individual: NGC 428

H I and optical observations of the NGC 428 field (Smoker J.V., Davies R.D., Axon D.J.), **281**, 393

Individual: NGC 753

The effects of cluster environment on the chemical evolution of

galaxies - III. NGC 753 (Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J.), **283**, 635

Individual: NGC 891

Further evidence for vertical magnetic fields in the galaxy NGC 891 (Scarrott S.M., Draper P.W.), **278**, 519

Individual: NGC 1068

The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854

Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884

The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823

The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1

Individual: NGC 1672

ROSAT PSPC and HRI observations of the composite starburst/Seyfert 2 galaxy NGC 1672 (Brandt W.N., Halpern J.P., Iwasawa K.), **281**, 687

Individual: NGC 1688

ROSAT PSPC and HRI observations of the composite starburst/Seyfert 2 galaxy NGC 1672 (Brandt W.N., Halpern J.P., Iwasawa K.), **281**, 687

Individual: NGC 2146

Constraints on cosmic ray propagation from radio continuum data of NGC 2146 (Lisenfeld U., Alexander P., Pooley G.G., Wilding T.), **281**, 301

Individual: NGC 2434

Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909

Individual: NGC 3256

Imaging polarimetry of the luminous merger galaxy NGC 3256 (Scarrott S.M., Draper P.W., Stockdale D.P.), **279**, 1325

Individual: NGC 3516

The stellar population and featureless continuum in the Seyfert nucleus of NGC 3516 (Serote-Roos M., Boisson C., Joly M., Ward M.J.), **278**, 897

Individual: NGC 3706

Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909

Individual: NGC 4038/9

ASCA observations of 'the Antennae' (Sansom A.E., Dotani T., Okada K., Yamashita A., Fabbiano G.), **281**, 48

Individual: NGC 4151

The origin of the correlation between the UV and X-rays in NGC 4151 (Zdziarski A.A., Magdziarz P.), **279**, L21

The narrow variable components of C IV in NGC 4151 from 1981 to 1987 (Ulrich M.-H.), **281**, 907

Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry (Zdziarski A.A., Johnson W.N., Magdziarz P.), **283**, 193

A month in the life of NGC 4151: velocity-delay maps of the broad-line region (Ulrich M.-H., Horne K.), **283**, 748

Individual: NGC 4253

A spectrophotometric study of the Seyfert 1 galaxy NGC 4253 (González Delgado R.M., Pérez E.), **278**, 737

Individual: NGC 4579

The spatially extended LINERs NGC 4579 and 6500 (González Delgado R.M., Pérez E.), **281**, 1105

Individual: NGC 4615

Early spectra of the supernova 1987F (Wegner G., Swanson S.R.), **278**, 22

Individual: NGC 4945

A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41

Individual: NGC 5090

Observations of the radio jets in NGC 5090 (PKS B1318-434) (Lloyd B.D., Jones P.A., Haynes R.F.), **279**, 1197

Individual: NGC 5128 (Cen A)

Near-infrared and millimetre polarimetry of Cen A (Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406

BVR imaging polarimetric studies of the galaxy NGC 5128 (Scarrott S.M., Foley N.B., Gledhill T.M., Wolstencroft R.D.), **282**, 252

Individual: NGC 5252

The relation between the neutral and the ionized gas in NGC 5252 (Prieto M.A., Freudling W.), **279**, 63

Individual: NGC 5347

The emission-line knot in the Seyfert 2 galaxy NGC 5347 (González Delgado R.M., Pérez E.), **280**, 53

Individual: NGC 5929

Compact radio structure in the Seyfert nucleus of NGC 5929 (Su B.M., Muxlow T.W.B., Pedlar A., Holloway A.J., Steffen W., Kukula M.J., Mutel R.L.), **279**, 1111

Individual: NGC 5953

The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781

Individual: NGC 6166

B-R colours of globular clusters in NGC 6166 (A2199) (Bridges T.J., Carter D., Harris W.E., Pritchett C.J.), **281**, 1290

Individual: NGC 6240

Spectral analysis of the nuclear stellar population and gas emission in NGC 6240 (Schmitt H.R., Bica E., Pastoriza M.G.), **278**, 965

Individual: NGC 6500

The spatially extended LINERs NGC 4579 and 6500 (González Delgado R.M., Pérez E.), **281**, 1105

Individual: RE J1034 + 396

The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396 (Mason K.O., Puchnarewicz E.M., Jones L.R.), **283**, L26

Individual: RX J1042 + 1212

Double-peaked Balmer line emission in the radio-quiet AGN RX J1042 + 1212 (Puchnarewicz E.M., Mason K.O., Carrera F.J.), **283**, 1311

Individual: VIII Zw 105

VIII Zw 105: a starburst galaxy at $z \approx 0.06$? (Brosch N., Hoffman G.L.), **279**, 191

Interactions

The scale and dispersion of galactic alignments (Coutts A.), **278**, 87
Triple black hole systems formed in mergers of galaxies (Valtonen M.J.), **278**, 186

N-body simulations of the Small Magellanic Cloud and the Magellanic Stream (Gardiner L.T., Noguchi M.), **278**, 191

A stellar and gas dynamical numerical model of ring galaxies (Gerber R.A., Lamb S.A., Balsara D.S.), **278**, 345

The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727

Spectral analysis of the nuclear stellar population and gas emission in NGC 6240 (Schmitt H.R., Bica E., Pastoriza M.G.), **278**, 965

Optical imaging of ultraluminous *IRAS* galaxies: how many are mergers? (Clements D.L., Sutherland W.J., McMahon R.G., Saunders W.), **279**, 477

Imaging polarimetry of the luminous merger galaxy NGC 3256 (Scarrott S.M., Draper P.W., Stockdale D.P.), **279**, 1325

The Fundamental Plane of elliptical galaxies and the virial theorem (Levine S.E., Aguilar L.A.), **280**, L13

Candidate primeval galaxies in the *Hubble Deep Field* (Clements D.L., Couch W.J.), **280**, L43

ASCA observations of 'the Antennae' (Sansom A.E., Dotani T., Okada K., Yamashita A., Fabbiano G.), **281**, 48

H I and optical observations of the NGC 428 field (Smoker J.V., Davies R.D., Axon D.J.), **281**, 393

The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781

Dynamical friction in disc galaxies with non-zero velocity dispersion (Wahde M., Donner K.J., Sundelius B.), **281**, 1165

Comparative study of fine structure in samples of isolated and paired early-type galaxies (Reduzzi L., Longhetti M., Rampazzo R.), **282**, 149

Intergalactic medium

ROSAT PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots (Reynolds C.S., Fabian A.C.), **278**, 479

The case against bimodal star formation in elliptical galaxies (Gibson B.K.), **278**, 829

A resolved image of the Sunyaev-Zel'dovich effect in Abell 1413 (Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A.), **278**, L17

Pruning the Lyman α forest of Q1331 + 170 (Kulkarni V.P., Huang K., Green R.F., Bechtold J., Welty D.E., York D.G.), **279**, 197

Morphologies in megaparsec-size powerful radio galaxies

(Subrahmanyan R., Saripalli L., Hunstead R.W.), **279**, 257

On the interpretation of the He II absorption in the line of sight of Q0302-003 (Nath B.B., Sethi S.K.), **279**, 275

A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745-191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615

The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), **280**, 438

Spectrophotometry of a sample of 7C giant radio sources (Cotter G., Rawlings S., Saunders R.), **281**, 1081

Multifractal structure of Ly α clouds: an example with the spectrum of QSO 0055-26 (Carbone V., Savaglio S.), **282**, 868

Properties of the Lyman α clouds from non-equilibrium photo-ionization models (Ferrara A., Giallongo E.), **282**, 1165

ASCA and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), **283**, 263

What bent the jets in 4C 34.16? (Sakellios I., Merrifield M.R., McHardy I.M.), **283**, 673

A *ROSAT* survey of Hickson's compact galaxy groups (Ponman T.J., Bourner P.D.J., Ebeling H., Böhringer H.), **283**, 690

Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055

High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388

COBE constraints on a Local Group X-ray halo (Banday A.J., Górski K.M.), **283**, L21

Anomalous radio-loudness of Cygnus A and other powerful radio galaxies (Barthel P.D., Arnaud K.A.), **283**, L45

ISM

Local stability criterion for stars and gas in a galactic disc (Jog C.J.), **278**, 209

A search for molecular gas in a high-redshift radio galaxy (Ivison R.J., Papadopoulos P., Seaquist E.R., Eales S.A.), **278**, 669

The relation between the neutral and the ionized gas in NGC 5252 (Prieto M.A., Freudling W.), **279**, 63

VIII Zw 105: a starburst galaxy at $z \approx 0.06$? (Brosch N., Hoffman G.L.), **279**, 191

The energetics of flat and rotating early-type galaxies and their X-ray luminosity (Ciotti L., Pellegrini S.), **279**, 240

Narrow-band imaging of the circumnuclear emission-line region of M81 (Golev V., Yankulova I., Bonev T.), **280**, 29

A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319

The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720

- Radiative transfer models of dusty galaxian discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005
- 1.25-mm observations of a complete sample of *IRAS* galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85
- Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knapen J.H., Beckman J.E.), **283**, 251
- The distribution of galactic inclinations – a clue to opacity? (Jones H., Davies J.I., Trewheila M.), **283**, 316
- Jets**
- The two-stage origin of bright rings in extended radio lobes (Morrison P., Sadun A.), **278**, 265
- The jets in 3C 66B (Hardcastle M.J., Alexander P., Pooley G.G., Riley J.M.), **278**, 273
- The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854
- Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400 (Holloway A.J., Steffen W., Pedlar A., Axon D.J., Dyson J.E., Meaburn J., Tadhunter C.N.), **279**, 171
- Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389
- The deceleration of relativistic jets by entrainment (Bowman M., Leahy J.P., Komissarov S.S.), **279**, 899
- Observations of the radio jets in NGC 5090 (PKS B1318–434) (Lloyd B.D., Jones P.A., Haynes R.F.), **279**, 1197
- Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), **280**, 781
- Unusual radio and optical structures in the Seyfert galaxy Markarian 6 (Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A.), **280**, 1283
- Stability of a relativistic rotating electron–positron jet: non-axisymmetric perturbations (Istomin Ya.N., Pariev V.I.), **281**, 1
- The stability, during formation, of magnetohydrodynamic jets collimated by an azimuthal magnetic field (Lucek S.G., Bell A.R.), **281**, 245
- The narrow variable components of C IV in NGC 4151 from 1981 to 1987 (Ulrich M.-H.), **281**, 907
- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130
- The head–tail and wide-angle-tail radio galaxies in cluster A3627 (Jones P.A., McAdam W.B.), **282**, 137
- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837
- IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets (Steffen W., Holloway A.J., Pedlar A.), **282**, 1203
- What bent the jets in 4C 34.16? (Sakellou I., Merrifield M.R., McHardy I.M.), **283**, 673
- The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm (Gabuzda D.C., Cawthorne T.V.), **283**, 759
- The matter content of the jet in M87: evidence for an electron–positron jet (Reynolds C.S., Fabian A.C., Celotti A., Rees M.J.), **283**, 873
- Kinematics and dynamics**
- N*-body simulations of the Small Magellanic Cloud and the Magellanic Stream (Gardiner L.T., Noguchi M.), **278**, 191
- Local stability criterion for stars and gas in a galactic disc (Jog C.J.), **278**, 209
- A stellar and gas dynamical numerical model of ring galaxies (Gerber R.A., Lamb S.A., Balsara D.S.), **278**, 345
- Cooperation of orbital streams in disc galaxies (Earn D.J.D., Lynden-Bell D.), **278**, 395
- Analytical models for galactic nuclei (Zhao H.), **278**, 488
- The influence of binary stars on dwarf spheroidal galaxy kinematics (Hargreaves J.C., Gilmore G., Annan J.D.), **279**, 108
- Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400 (Holloway A.J., Steffen W., Pedlar A., Axon D.J., Dyson J.E., Meaburn J., Tadhunter C.N.), **279**, 171
- The energetics of flat and rotating early-type galaxies and their X-ray luminosity (Ciotti L., Pellegrini S.), **279**, 240
- On the dynamics of the cores of galaxy clusters (den Hartog R., Katgert P.), **279**, 349
- Three-integral oblate galaxy models (Robijn F.H.A., de Zeeuw P.T.), **279**, 673
- On the deprojection of axisymmetric bodies (Gerhard O., Binney J.), **279**, 993
- Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc (Sridhar S., Touna J.), **279**, 1263
- Supershells as probe particles for the study of the galactic spin orientation (Silich S.A., Mashchenko S.Ya., Tenorio-Tagle G., Franco J.), **280**, 711
- Jeans and Boltzmann solutions for oblate galaxies with flat rotation curves (de Zeeuw P.T., Evans N.W., Schwarzschild M.), **280**, 903
- Deprojection of axially symmetric objects (Kochanek C.S., Rybicki G.B.), **280**, 1257
- The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **281**, 27
- H I and optical observations of the NGC 428 field (Smoker J.V., Davies R.D., Axon D.J.), **281**, 393
- Non-axisymmetric, scale-free, razor-thin discs (Syer D., Tremaine S.), **281**, 925
- Dynamical friction in disc galaxies with non-zero velocity dispersion (Wahde M., Donner K.J., Sundelius B.), **281**, 1165
- A family of triaxial mass models with central cusps (de Zeeuw P.T., Carollo C.M.), **281**, 1333
- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130
- Made-to-measure *N*-body systems (Syer D., Tremaine S.), **282**, 223
- A dynamical study of the Draco dwarf spheroidal galaxy (Hargreaves J.C., Gilmore G., Irwin M.J., Carter D.), **282**, 305
- Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909
- Potential–density basis sets in axisymmetric coordinates (Robijn F.H.A., Earn D.J.D.), **282**, 1129
- IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets (Steffen W., Holloway A.J., Pedlar A.), **282**, 1203
- New parametrizations of non-Gaussian line-of-sight velocity distributions (Zhao H., Prada F.), **282**, 1223
- H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18
- Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381
- A search for counter-rotating stars in S0 galaxies (Kuijken K., Fisher D., Merrifield M.R.), **283**, 543
- Erratum: The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **283**, 1102
- Local Group**
- The merging history of the Milky Way (Unavane M., Wyse R.F.G., Gilmore G.), **278**, 727
- Optical observations of Dwingeloo 1, a nearby barred spiral galaxy behind the Milky Way (Loan A.J., Maddox S.J., Lahav O., Balcells M., Kraan-Korteweg R.C., Assendorp R., Almozino E., Brosch N., Goldberg E., Ofek E.O.), **280**, 537
- A dynamical study of the Draco dwarf spheroidal galaxy (Hargreaves J.C., Gilmore G., Irwin M.J., Carter D.), **282**, 305
- Luminosity function, mass function**
- Autofib Redshift Survey – I. Evolution of the galaxy luminosity function (Ellis R.S., Colless M., Broadhurst T., Heyl J., Glazebrook K.), **280**, 235
- The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337
- The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey (Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fournon I.), **281**, 579
- Merger trees and the multiplicity function of haloes (Rodrigues D.D.C., Thomas P.A.), **282**, 631
- Angular sizes and luminosity evolution of faint galaxies (Roche N., Ratnatunga K., Griffiths R.E., Im M., Neuschaefer L.), **282**, 1247
- The nature of the faint galaxies in the *Hubble Deep Field* (Mobasher B., Rowan-Robinson M., Georgakakis A., Eaton N.), **282**, L7
- Colours, luminosity functions and counts of galaxies (Saracco P., Chincarini G., Iovino A.), **283**, 865

Evolution of the Hubble sequence in hierarchical models for galaxy formation (Baugh C.M., Cole S., Frenk C.S.), **283**, 1361

Magellanic Clouds

- The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11
- N*-body simulations of the Small Magellanic Cloud and the Magellanic Stream (Gardiner L.T., Noguchi M.), **278**, 191
- Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts (Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F.), **279**, 32
- N19: an M-type symbiotic star in the Large Magellanic Cloud (Morgan D.H.), **279**, 301
- Mid-infrared properties of globular clusters using the *IRAS* data base (Origlia L., Ferraro F.R., Fusi Pecci F.), **280**, 572
- Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9–6951 from MACHO Project photometry (Alcock C. et al.), **280**, L49
- A three-dimensional classification for WN stars (Smith L.F., Shara M.M., Moffat A.F.J.), **281**, 163
- The age of the old Magellanic Cloud clusters – II. NGC 1786, 1841 and 2210 as evidence for an old coeval population of LMC and galactic globular clusters (Brocato E., Castellani V., Ferraro F.R., Piersimoni A.M., Testa V.), **282**, 614

Magnetic fields

- Further evidence for vertical magnetic fields in the galaxy NGC 891 (Scarrott S.M., Draper P.W.), **278**, 519
- Turbulence and magnetic fields in elliptical galaxies (Moss D., Shukurov A.), **279**, 229
- OH Zeeman measurements of the magnetic fields in four megamaser galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143
- BVR* imaging polarimetric studies of the galaxy NGC 5128 (Scarrott S.M., Foley N.B., Gledhill T.M., Wolstencroft R.D.), **282**, 252
- Polarization from magnetized accretion discs in active galactic nuclei (Agol E., Blaes O.), **282**, 965
- The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm (Gabuzda D.C., Cawthorne T.V.), **283**, 759

Nuclei

- Triple black hole systems formed in mergers of galaxies (Valtonen M.J.), **278**, 186
- Near-infrared and millimetre polarimetry of Cen A (Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406
- ROSAT* observations of the SIGMA source GRs 1227 + 025 near 3C 273 (Leach C.M., McHardy I.M.), **278**, 465
- Analytical models for galactic nuclei (Zhao H.), **278**, 488
- A spectrophotometric study of the Seyfert 1 galaxy NGC 4253 (González Delgado R.M., Pérez E.), **278**, 737
- The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854
- The stellar population and featureless continuum in the Seyfert nucleus of NGC 3516 (Serote-Roos M., Boisson C., Joly M., Ward M.J.), **278**, 897
- The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902
- Spectral analysis of the nuclear stellar population and gas emission in NGC 6240 (Schmitt H.R., Bica E., Pastoriza M.G.), **278**, 965
- Differential number counts of radio galaxies and quasars: evidence against the unified scheme (Singal A.K.), **278**, 1069
- On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165
- Compact radio structure in the Seyfert nucleus of NGC 5929 (Su B.M., Muxlow T.W.B., Pedlar A., Holloway A.J., Steffen W., Kukula M.J., Mutel R.L.), **279**, 1111
- The emission-line knot in the Seyfert 2 galaxy NGC 5347 (González Delgado R.M., Pérez E.), **280**, 53
- Unified theories of active galactic nuclei: a hard X-ray sample of Seyfert 2 galaxies (Smith D.A., Done C.), **280**, 355
- Radiation drag in relativistic active galactic nucleus jets (Sikora M., Sol H., Begelman M.C., Madejski G.M.), **280**, 781
- OH Zeeman measurements of the magnetic fields in four megamaser

galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143

- Optical spectroscopy and polarization of a new sample of optically bright flat radio spectrum sources (Marchá M.J.M., Browne I.W.A., Impey C.D., Smith P.S.), **281**, 425
- The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781
- The narrow variable components of C IV in NGC 4151 from 1981 to 1987 (Ulrich M.-H.), **281**, 907
- The spatially extended LINERs NGC 4579 and 6500 (González Delgado R.M., Pérez E.), **281**, 1105
- ROSAT* observations of 3C radio-loud sources (Prieto M.A.), **282**, 421
- Soft versus hard X-ray emission in active galactic nuclei: partial-covering and warm-plus-cold absorber models (Ceballos M.T., Barcons X.), **282**, 493
- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837
- On possible signatures of heavy neutrino balls in active galactic nuclei (Tsiklauri D., Viollier R.D.), **282**, 1299
- ROSAT* observations of distant 3CR radio galaxies – II (Crawford C.S., Fabian A.C.), **282**, 1483
- Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381
- Forbidden Fe⁺ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777
- On black hole evolution in active galactic nuclei (Moderski R., Sikora M.), **283**, 854

Peculiar

- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130

Photometry

- Star formation history in a sample of starburst galaxies (Alonso-Herrero A., Aragón-Salamanca A., Zamorano J., Rego M.), **278**, 417
- The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902
- The APM Bright Galaxy Catalogue (Loveday J.), **278**, 1025
- The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1
- Optical monitoring of luminous AGN – I. Radio-loud quasars (Netzer H., Heller A., Loinger F., Alexander T., Baldwin J.A., Wills B.J., Han M., Fruch M., Higdon J.L.), **279**, 429
- On the deprojection of axisymmetric bodies (Gerhard O., Binney J.), **279**, 993
- K*-band photometry of spectroscopic redshift survey objects (Gardner J.P.), **279**, 1157
- The *R*-band Hubble diagram for gigahertz peaked spectrum radio galaxies (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K., van Ojik R.), **279**, 1294
- Optical observations of Dwingeloo 1, a nearby barred spiral galaxy behind the Milky Way (Loan A.J., Maddox S.J., Lahav O., Balcells M., Kraan-Korteweg R.C., Assendorp R., Almozno E., Brosch N., Goldberg E., Ofek E.O.), **280**, 537
- Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies (Heisler C.A., De Robertis M.M., Nadeau D.), **280**, 579
- Deprojection of axially symmetric objects (Kochanek C.S., Rybicki G.B.), **280**, 1257
- H I and optical observations of the NGC 428 field (Smoker J.V., Davies R.D., Axon D.J.), **281**, 393
- Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickson R.C., Shaw M.A.), **281**, 591
- Pure luminosity evolution models for faint field galaxy samples (Pozzetti L., Bruzual A. G., Zamorano G.), **281**, 953
- Intranight optical monitoring of optically selected bright quasars (Sagar R., Gopal-Krishna, Wiita P.J.), **281**, 1267
- Optical surface photometry of radio galaxies – I. Observations and data analysis (Fasano G., Falomo R., Scarpa R.), **282**, 40
- Reduction of the COSMOS Southern Sky galaxy survey data to the RC3 standard system (Rousseau J., Di Nella H., Paturel G., Petit C.), **282**, 144
- The internight variability of the optical to near-infrared flux density

- and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788
- Radiative transfer models of dusty galaxian discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005
- A wide-field *K*-band survey – I. Galaxy counts in *B*, *V*, *I* and *K* (Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S.), **282**, L1
- 1.25-mm observations of a complete sample of *IRAS* galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85
- Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knapen J.H., Beckman J.E.), **283**, 251
- Host galaxies of intermediate redshift radio-loud and radio-quiet quasars (Rönneback J., van Groningen E., Wanders I., Örndahl E.), **283**, 282
- A near-IR study of the host galaxies of radio-quiet quasars, radio-loud quasars and radio galaxies (Taylor G.L., Dunlop J.S., Hughes D.H., Robson E.I.), **283**, 930
- The APM Galaxy Survey – III. An analysis of systematic errors in the angular correlation function and cosmological implications (Maddox S.J., Efsthathiou G., Sutherland W.J.), **283**, 1227
- Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals? (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K.), **283**, L123
- Quasars: absorption lines**
- Uncertainties in the interpretation of the Lyman alpha forest lines (Levshakov S.A., Kegel W.H.), **278**, 497
- The high-redshift deuterium abundance: the $z = 3.086$ absorption complex towards Q 0420–388 (Carswell R.F., Webb J.K., Lanzetta K.M., Baldwin J.A., Cooke A.J., Williger G.M., Rauch M., Irwin M.J., Robertson J.G., Shaver P.A.), **278**, 506
- Pruning the Lyman α forest of Q1331 + 170 (Kulkarni V.P., Huang K., Green R.F., Bechtold J., Welty D.E., York D.G.), **279**, 197
- The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra (Levshakov S.A., Takahara F.), **279**, 651
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), **280**, 749
- Analysis of Ly α absorption lines in the vicinity of QSOs (Srianand R., Khare P.), **280**, 767
- Global chemical evolution – I. QSO absorbers and the chemical evolution of galaxy discs (Phillipps S., Edmunds M.G.), **281**, 362
- The Ly α forest of the quasar HS 1946 + 7658: properties of the Ly α absorbing systems at high z (de la Fuente A., Rodríguez-Pascual P.M., Sanz J.L., Recondo M.C.), **281**, 463
- Faint galaxies close to QSOs with damped Lyman α absorption systems (Aragón-Salamanca A., Ellis R.S., O'Brien K.S.), **281**, 945
- Multifractal structure of Ly α clouds: an example with the spectrum of QSO 0055–26 (Carbone V., Savaglio S.), **282**, 868
- Properties of the Lyman α clouds from non-equilibrium photoionization models (Ferrara A., Giallongo E.), **282**, 1165
- APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers (Storrie-Lombardi L.J., Irwin M.J., McMahon R.G.), **282**, 1330
- Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055
- High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388
- Evolution of neutral gas at high redshift: implications for the epoch of galaxy formation (Storrie-Lombardi L.J., McMahon R.G., Irwin M.J.), **283**, L79
- Quasars: emission lines**
- On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165
- A quasar with ultrastrong, ultraviolet Fe II emission (Graham M.J., Clowes R.G., Campusano L.E.), **279**, 1349
- Emission-line ratios in a radio-selected sample of active galactic nuclei (Simpson C., Ward M., Clements D.L., Rawlings S.), **281**, 509
- The appearance of broad H α in BL Lacertae (Corbett E.A., Robinson A., Axon D.J., Hough J.H., Jeffries R.D., Thurston M.R., Young S.), **281**, 737
- Erratum: Infrared spectroscopy of high-redshift quasars (Baker A.C., Carswell R.F., Bailey J.A., Espey B.R., Smith M.G., Ward M.J.), **282**, 704
- A dynamical model for the narrow-line region of active galactic nuclei (Simpson C., Ward M.), **282**, 797
- Quasars: general**
- Canada–France Redshift Survey – X. The quasar sample (Schade D., Crampton D., Hammer F., Le Fèvre O., Lilly S.J.), **278**, 95
- Dark matter from quasar microlensing (Hawkins M.R.S.), **278**, 787
- Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- Differential number counts of radio galaxies and quasars: evidence against the unified scheme (Singal A.K.), **278**, 1069
- PKS 1251–407: a radio-loud quasar at $z = 4.46$ (Shaver P.A., Wall J.V., Kellermann K.I.), **278**, L11
- On the interpretation of the He II absorption in the line of sight of Q0302–003 (Nath B.B., Sethi S.K.), **279**, 275
- Magnetic collimation by accretion discs of quasars and stars (Lynden-Bell D.), **279**, 389
- Optical monitoring of luminous AGN – I. Radio-loud quasars (Netzer H., Heller A., Loinger F., Alexander T., Baldwin J.A., Wills B.J., Han M., Frueh M., Higdon J.L.), **279**, 429
- A quasar with ultrastrong, ultraviolet Fe II emission (Graham M.J., Clowes R.G., Campusano L.E.), **279**, 1349
- On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67
- New sources for Kerr and other metrics: rotating relativistic discs with pressure support (Pichon C., Lynden-Bell D.), **280**, 1007
- Two variable quasars at $z > 4$ (Hawkins M.R.S., Shaver P.A., Clements D., van der Werf P.), **280**, L1
- Stability of a relativistic rotating electron–positron jet: non-axisymmetric perturbations (Istomin Ya.N., Pariev V.I.), **281**, 1
- The space density of quasars at $z > 4$ (Hawkins M.R.S., Véron P.), **281**, 348
- Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickinson R.C., Shaw M.A.), **281**, 591
- QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function (Croom S.M., Shanks T.), **281**, 893
- Spectrophotometry of a sample of 7C giant radio sources (Cotter G., Rawlings S., Saunders R.), **281**, 1081
- Optical and X-ray properties of the RIXOS active galactic nuclei – I. The continua (Puchnarewicz E.M., Mason K.O., Romero-Celmenero E., Carrera F.J., Hasinger G., McMahon R., Mittaz J.P.D., Page M.J., Carballo R.), **281**, 1243
- Intranight optical monitoring of optically selected bright quasars (Sagar R., Gopal-Krishna, Wiita P.J.), **281**, 1267
- The realignment of a black hole misaligned with its accretion disc (Scheuer P.A.G., Feiler R.), **282**, 291
- A deep *ROSAT* survey – XII. The X-ray spectra of faint *ROSAT* sources (Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I.), **282**, 295
- Erratum: Infrared spectroscopy of high-redshift quasars (Baker A.C., Carswell R.F., Bailey J.A., Espey B.R., Smith M.G., Ward M.J.), **282**, 704
- The search for and investigation of large quasar groups (Kombarg B.V., Kravtsov A.V., Lukash V.N.), **282**, 713
- The internight variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788
- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837
- The QSO variability–luminosity–redshift relation (Cid Fernandes R., Jr, Aretxaga I., Terlevich R.), **282**, 1191
- A survey for high-redshift radio-loud quasars: optical spectroscopy of $S > 0.2$ Jy, flat-spectrum radio sources (Hook I.M., McMahon R.G., Irwin M.J., Hazard C.), **282**, 1274
- APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers (Storrie-Lombardi L.J., Irwin M.J., McMahon R.G.), **282**, 1330
- Host galaxies of intermediate redshift radio-loud and radio-quiet quasars (Rönneback J., van Groningen E., Wanders I., Örndahl E.), **283**, 282
- Star counts in the *Hubble Deep Field*: constraining galactic structure models (Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J.), **283**, 666
- A near-IR study of the host galaxies of radio-quiet quasars, radio-loud quasars and radio galaxies (Taylor G.L., Dunlop J.S., Hughes D.H., Robson E.I.), **283**, 930

- Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderriest C.), **283**, 1003
- ROSAT* soft X-ray properties of the Large Bright Quasar Survey: modelling of stacked X-ray spectra (Schartel N., Green P.J., Anderson S.F., Hewett P.C., Foltz C.B., Margon B., Brinkmann W., Fink H., Trümper J.), **283**, 1015
- On determining the topology of the observable Universe via three-dimensional quasar positions (Roukema B.F.), **283**, 1147
- Quasars: individual: 3C 273**
ROSAT observations of the SIGMA source GRS 1227 + 025 near 3C 273 (Leach C.M., McHardy I.M.), **278**, 465
 On possible signatures of heavy neutrino balls in active galactic nuclei (Tsiklauri D., Viollier R.D.), **282**, 1299
- Quasars: individual: 3C 279**
 Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- Quasars: individual: 3C 454.3**
 Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3 (Cawthorne T.V., Gabuzda D.C.), **278**, 861
- Quasars: individual: 0420-388**
 The high-redshift deuterium abundance: the $z = 3.086$ absorption complex towards Q 0420-388 (Carswell R.F., Webb J.K., Lanzetta K.M., Baldwin J.A., Cooke A.J., Williger G.M., Rauch M., Irwin M.J., Robertson J.G., Shaver P.A.), **278**, 506
- Quasars: individual: HS 1946 + 7658**
 The Ly α forest of the quasar HS 1946 + 7658: properties of the Ly α absorbing systems at high z (de la Fuente A., Rodríguez-Pascual P.M., Sanz J.L., Recondo M.C.), **281**, 463
- Quasars: individual: PKS 1251-407**
 PKS 1251-407: a radio-loud quasar at $z = 4.46$ (Shaver P.A., Wall J.V., Kellermann K.I.), **278**, 111
- Quasars: individual: Q0302-003**
 On the interpretation of the He II absorption in the line of sight of Q0302-003 (Nath B.B., Sethi S.K.), **279**, 275
- Quasars: individual: Q 1100-264**
 The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra (Levshakov S.A., Takahara F.), **279**, 651
- Quasars: individual: Q1331 + 170**
 Pruning the Lyman α forest of Q1331 + 170 (Kulkarni V.P., Huang K., Green R.F., Bechtold J., Welty D.E., York D.G.), **279**, 197
- Seyfert**
 A spectrophotometric study of the Seyfert 1 galaxy NGC 4253 (González Delgado R.M., Pérez E.), **278**, 737
 The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854
 The stellar population and featureless continuum in the Seyfert nucleus of NGC 3516 (Serote-Roos M., Boisson C., Joly M., Ward M.J.), **278**, 897
 The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902
 Multiwavelength energy distributions of ultraluminous *IRAS* galaxies – I. Submillimetre and X-ray observations (Rigopoulou D., Lawrence A., Rowan-Robinson M.), **278**, 1049
 The relation between the neutral and the ionized gas in NGC 5252 (Prieto M.A., Freudling W.), **279**, 63
 On the wings of broad H α emission in active galactic nuclei (Romano P., Zwitter T., Calvani M., Sulentic J.), **279**, 165
 Kinematics of ionized gas associated with the radio nucleus and lobes in the active galaxy IRAS 04210 + 0400 (Holloway A.J., Steffen W., Pedlar A., Axon D.J., Dyson J.E., Meaburn J., Tadhunter C.N.), **279**, 171
 The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325-5926 (Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H.), **279**, 837
- Compact radio structure in the Seyfert nucleus of NGC 5929 (Su B.M., Muxlow T.W.B., Pedlar A., Holloway A.J., Steffen W., Kukula M.J., Mutel R.L.), **279**, 1111
- The origin of the correlation between the UV and X-rays in NGC 4151 (Zdziarski A.A., Magdziarz P.), **279**, L21
- VRI CCD surface photometry of Seyfert 1, Seyfert 2 and intermediate Seyfert-type galaxies (Xanthopoulos E.), **280**, 6
- Narrow-band imaging of the circumnuclear emission-line region of M81 (Golev V., Yankulova I., Bonev T.), **280**, 29
- The emission-line knot in the Seyfert 2 galaxy NGC 5347 (González Delgado R.M., Pérez E.), **280**, 53
- Unified theories of active galactic nuclei: a hard X-ray sample of Seyfert 2 galaxies (Smith D.A., Done C.), **280**, 355
- Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies (Heisler C.A., De Robertis M.M., Nadeau D.), **280**, 579
- The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823
- Unusual radio and optical structures in the Seyfert galaxy Markarian 6 (Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A.), **280**, 1283
- A Deep *ROSAT* Survey – X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71
- ROSAT* PSPC and HRI observations of the composite starburst/Seyfert 2 galaxy NGC 1672 (Brandt W.N., Halpern J.P., Iwasawa K.), **281**, 687
- The circumnuclear region in the Seyfert 2 galaxy NGC 5953 (González Delgado R.M., Pérez E.), **281**, 781
- The narrow variable components of C iv in NGC 4151 from 1981 to 1987 (Ulrich M.-H.), **281**, 907
- Polarimetry and modelling of narrow-line active galaxies (Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J.), **281**, 1206
- Optical and X-ray properties of the RIXOS active galactic nuclei – I. The continua (Puchnarewicz E.M., Mason K.O., Romero-Colmenero E., Carrera F.J., Hasinger G., McMahon R., Mittaz J.P.D., Page M.J., Carballo R.), **281**, 1243
- A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41
- A reflection-dominated X-ray spectrum discovered by *ASCA* in the Circinus galaxy (Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M.), **281**, L69
- Jets and the emission-line spiral structure in IRAS 04210 + 0400 (Steffen W., Holloway A.J., Pedlar A.), **282**, 130
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets (Steffen W., Holloway A.J., Pedlar A.), **282**, 1203
- Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry (Zdziarski A.A., Johnson W.N., Magdziarz P.), **283**, 193
- Forbidden Fe $^+$ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777
- Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892
- Double-peaked Balmer line emission in the radio-quiet AGN RX J1042 + 1212 (Puchnarewicz E.M., Mason K.O., Carrera F.J.), **283**, 1311
- The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1
- The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396 (Mason K.O., Puchnarewicz E.M., Jones L.R.), **283**, L26
- Spiral**
 Local stability criterion for stars and gas in a galactic disc (Jog C.J.), **278**, 209
 Further evidence for vertical magnetic fields in the galaxy NGC 891 (Scarrott S.M., Draper P.W.), **278**, 519
 The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337
 Optical observations of Dwingeloo 1, a nearby barred spiral galaxy behind the Milky Way (Loan A.J., Maddox S.J., Lahav O., Balcells M., Kraan-Korteweg R.C., Assendorp R., Almozno E., Brosch N., Goldberg E., Ofek E.O.), **280**, 537

Large-scale structure in a new deep *IRAS* galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), **280**, 673

The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **281**, 27

Radiative transfer models of dusty galactic discs (Corradi R.L.M., Beckman J.E., Simonneau E.), **282**, 1005

The origin of galactic discs with exponential z -profiles (Burkert A., Yoshii Y.), **282**, 1349

H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18

1.25-mm observations of a complete sample of *IRAS* galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85

Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knapen J.H., Beckman J.E.), **283**, 251

A new model of the structure of spiral galaxies based on propagating star formation – II. The effect of a spiral density wave (Sleath J.P., Alexander P.), **283**, 358

N/O in spiral discs: a new algorithm for abundance determinations (Thurston T.R., Edmunds M.G., Henry R.B.C.), **283**, 990

Erratum: The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **283**, 1102

Starburst

Multiwavelength energy distributions of ultraluminous *IRAS* galaxies – I. Submillimetre and X-ray observations (Rigopoulou D., Lawrence A., Rowan-Robinson M.), **278**, 1049

The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1

VIII Zw 105: a starburst galaxy at $z \approx 0.06$? (Brosch N., Hoffman G.L.), **279**, 191

Optical imaging of ultraluminous *IRAS* galaxies: how many are mergers? (Clements D.L., Sutherland W.J., McMahon R.G., Saunders W.), **279**, 477

Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884

Imaging polarimetry of the luminous merger galaxy NGC 3256 (Scarrott S.M., Draper P.W., Stockdale D.P.), **279**, 1325

Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies (Heisler C.A., De Robertis M.M., Nadeau D.), **280**, 579

Unusual radio and optical structures in the Seyfert galaxy Markarian 6 (Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A.), **280**, 1283

Candidate primeval galaxies in the *Hubble Deep Field* (Clements D.L., Couch W.J.), **280**, 143

A Deep *ROSAT* Survey – X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71

Young stars and scattered light in the powerful radio galaxy 3C 321 (Tadhunter C.N., Dickson R.C., Shaw M.A.), **281**, 591

The Canada–France Redshift Survey – XII. Nature of emission-line field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D.), **281**, 847

1.25-mm observations of a complete sample of *IRAS* galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85

Starburst galaxy contributions to extragalactic source counts (Pearson C., Rowan-Robinson M.), **283**, 174

Forbidden Fe⁺ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777

Star clusters

The globular clusters in M87: a bimodal colour distribution (Elson R.A.W., Santiago B.X.), **278**, 617

The M87 globular cluster system revisited (Elson R.A.W., Santiago B.X.), **280**, 971

$B-R$ colours of globular clusters in NGC 6166 (A2199) (Bridges T.J., Carter D., Harris W.E., Pritchett C.J.), **281**, 1290

Direct collisional simulation of 10 000 particles past core collapse (Spurzem R., Aarseth S.J.), **282**, 19

The age of the old Magellanic Cloud clusters – II. NGC 1786, 1841 and 2210 as evidence for an old coeval population of LMC and galactic globular clusters (Brocato E., Castellani V., Ferraro F.R., Piersimoni A.M., Testa V.), **282**, 614

A stochastic Monte Carlo approach to modelling of real star cluster evolution – I. The model (Spurzem R., Giersz M.), **283**, 805

Statistics

Minimal spanning tree statistics for the analysis of large-scale structure (Krzewina L.G., Saslaw W.C.), **278**, 869

Stellar content

Star formation history in a sample of starburst galaxies (Alonso-Herrero A., Aragón-Salamanca A., Zamorano J., Rego M.), **278**, 417

The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902

Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083

The Fundamental Plane for cluster E and S0 galaxies (Jørgensen I., Franx M., Kjaergaard P.), **280**, 167

Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), **280**, 895

The age of elliptical galaxies and bulges in a merger model (Kauffmann G.), **281**, 487

Detection of strong evolution in the population of early-type galaxies (Kauffmann G., Charlot S., White S.D.M.), **283**, 1117

Structure

N -body simulations of the Small Magellanic Cloud and the Magellanic Stream (Gardiner L.T., Noguchi M.), **278**, 191

Cooperation of orbital streams in disc galaxies (Earn D.J.D., Lynden-Bell D.), **278**, 395

A non-parametric and scale-independent method for cluster analysis – II. The multivariate case (Pisani A.), **278**, 697

Environmental effects on the structure of the dwarf spheroidal galaxies (Bellazzini M., Fusi Pecci F., Ferraro F.R.), **278**, 947

The energetics of flat and rotating early-type galaxies and their X-ray luminosity (Ciotti L., Pellegrini S.), **279**, 240

Three-integral oblate galaxy models (Robijn F.H.A., de Zeeuw P.T.), **279**, 673

Observations of the radio jets in NGC 5090 (PKS B1318–434) (Lloyd B.D., Jones P.A., Haynes R.F.), **279**, 1197

The number, luminosity and mass density of spiral galaxies as a function of surface brightness (McGaugh S.S.), **280**, 337

Jeans and Boltzmann solutions for oblate galaxies with flat rotation curves (de Zeeuw P.T., Evans N.W., Schwarzschild M.), **280**, 903

The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **281**, 27

The Fundamental Plane in CL 0024 at $z = 0.4$: implications for the evolution of the mass-to-light ratio (van Dokkum P.G., Franx M.), **281**, 985

A family of triaxial mass models with central cusps (de Zeeuw P.T., Carollo C.M.), **281**, 1333

The tilt of the fundamental plane of elliptical galaxies – I. Exploring dynamical and structural effects (Ciotti L., Lanzoni B., Renzini A.), **282**, 1

Optical surface photometry of radio galaxies – I. Observations and data analysis (Fasano G., Falomo R., Scarpa R.), **282**, 40

Cosmological implications of galaxy cluster evolution (Tsai J.C., Buote D.A.), **282**, 77

Comparative study of fine structure in samples of isolated and paired early-type galaxies (Reduzzi L., Longhetti M., Rampazzo R.), **282**, 149

Maclaurin discs and bifurcations to rings (Kley W.), **282**, 234

Scale-free dynamical models for galaxies: flattened densities in spherical potentials (de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T.), **282**, 909

Potential-density basis sets in axisymmetric coordinates (Robijn F.H.A., Earn D.J.D.), **282**, 1129

H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18

Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knapen J.H., Beckman J.E.), **283**, 251

A new model of the structure of spiral galaxies based on propagating star formation – II. The effect of a spiral density wave (Sleath J.P., Alexander P.), **283**, 358

- Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs (van den Bosch F.C., de Zeeuw P.T.), **283**, 381
- A search for counter-rotating stars in S0 galaxies (Kuijken K., Fisher D., Merrifield M.R.), **283**, 543
- Erratum: The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **283**, 1102
- The cores of dwarf galaxy haloes (Navarro J.F., Eke V.R., Frenk C.S.), **283**, L72

Cosmology

Cosmic microwave background

- Studies of cosmic microwave background structure at Dec. = $+40^\circ$ – I. The performance of the Tenerife experiments (Davies R.D., Gutiérrez C.M., Hopkins J., Melhuish S.J., Watson R.A., Hoyland R.J., Rebolo R., Lasenby A.N., Hancock S.), **278**, 883
- Galactic synchrotron emission at high frequencies (Davies R.D., Watson R.A., Gutiérrez C.M.), **278**, 925
- A resolved image of the Sunyaev-Zel'dovich effect in Abell 1413 (Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A.), **278**, L17
- Using the kinematic Sunyaev-Zeldovich effect to determine the peculiar velocities of clusters of galaxies (Haehnelt M.G., Tegmark M.), **279**, 545
- Ω from the COBE-DMR anisotropy maps (Cayón L., Martínez-González E., Sanz J.L., Sugiyama N., Torres S.), **279**, 1095
- A method for extracting maximum resolution power spectra from microwave sky maps (Tegmark M.), **280**, 299
- On the microwave background anisotropy produced by big voids in open universes (Fullana M.J., Arnau J.V., Sáez D.), **280**, 1181
- Measuring Hubble's constant in our inhomogeneous Universe (Shi X., Widrow L.M., Dursi L.J.), **281**, 565
- A method for subtracting foregrounds from multifrequency CMB sky maps (Tegmark M., Efstathiou G.), **281**, 1297
- Topology of COBE microwave background fluctuations (Colley W.N., Gott J.R., III, Park C.), **281**, L82
- The creation of large-scale voids by explosions of primordial supernovae (Miranda O.D., Opher R.), **283**, 912
- Observability of secondary Doppler peaks in the cosmic microwave background radiation power spectrum by experiments with small fields (Hobson M.P., Magueijo J.), **283**, 1133
- COBE constraints on a Local Group X-ray halo (Banday A.J., Górski K.M.), **283**, L21

Cosmology: miscellaneous

- On the interpretation of the He II absorption in the line of sight of Q0302-003 (Nath B.B., Sethi S.K.), **279**, 275
- Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy (Chamcham K., Hendry M.A.), **279**, 1083
- Faint blue galaxies as a probe of the X-ray background at high redshift (Treuer M.A., Lahav O.), **280**, 469
- Measuring Hubble's constant in our inhomogeneous Universe (Shi X., Widrow L.M., Dursi L.J.), **281**, 565
- Pure luminosity evolution models for faint field galaxy samples (Pozzetti L., Bruzual A. G., Zamorani G.), **281**, 953
- A method for subtracting foregrounds from multifrequency CMB sky maps (Tegmark M., Efstathiou G.), **281**, 1297
- Ages of globular clusters: a new approach (Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B.), **282**, 926
- APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers (Storrie-Lombardi L.J., Irwin M.J., McMahon R.G.), **282**, 1330
- The superiority of the minimal spanning tree in percolation analyses of cosmological data sets (Bhavsar S.P., Splinter R.J.), **282**, 1461
- A cosmological background of gravitational waves produced by supernovae in the early Universe (Blair D., Ju L.), **283**, 648
- An artificial neural network approach to the classification of galaxy spectra (Folkes S.R., Lahav O., Maddox S.J.), **283**, 651
- Gravity waves, gamma-ray bursts and the Hubble constant (Biesiada M.), **283**, 977
- Observability of secondary Doppler peaks in the cosmic microwave background radiation power spectrum by experiments with small fields (Hobson M.P., Magueijo J.), **283**, 1133
- Evolution of neutral gas at high redshift: implications for the epoch of

galaxy formation (Storrie-Lombardi L.J., McMahon R.G., Irwin M.J.), **283**, L79

Cosmology: observations

- Canada-France Redshift Survey – X. The quasar sample (Schade D., Crampton D., Hammer F., Le Fèvre O., Lilly S.J.), **278**, 95
- The velocity dispersion profiles of clusters of galaxies: a cosmological test and the sampling effect (Jing Y.P., Börner G.), **278**, 321
- On universes with outskirts and the angular-size/redshift diagram for milliarsecond radio-sources (Jackson J.C., Dodgson M.), **278**, 603
- A search for molecular gas in a high-redshift radio galaxy (Ivison R.J., Papadopoulos P., Seaquist E.R., Eales S.A.), **278**, 669
- Studies of cosmic microwave background structure at Dec. = $+40^\circ$ – I. The performance of the Tenerife experiments (Davies R.D., Gutiérrez C.M., Hopkins J., Melhuish S.J., Watson R.A., Hoyland R.J., Rebolo R., Lasenby A.N., Hancock S.), **278**, 883
- The life-cycle of star formation in distant clusters (Barger A.J., Aragón-Salamanca A., Ellis R.S., Couch W.J., Smail I., Sharples R.M.), **279**, 1
- On the dynamics of the cores of galaxy clusters (den Hartog R., Katgert P.), **279**, 349
- Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847
- The Muenster Redshift Project: improved methods for automated galaxy redshift measurements from very low-dispersion objective-prism spectra (Schuecker P.), **279**, 1057
- Ω from the COBE-DMR anisotropy maps (Cayón L., Martínez-González E., Sanz J.L., Sugiyama N., Torres S.), **279**, 1095
- K-band photometry of spectroscopic redshift survey objects (Gardner J.P.), **279**, 1157
- Galaxy counts and the galaxy two-point angular correlation function to $l = 23$ (Lidman C.E., Peterson B.A.), **279**, 1357
- Galaxy morphology to $l = 25$ mag in the Hubble Deep Field (Abraham R.G., Tanvir N.R., Santiago B.X., Ellis R.S., Glazebrook K., van den Bergh S.), **279**, L47
- Autofib Redshift Survey – I. Evolution of the galaxy luminosity function (Ellis R.S., Colless M., Broadhurst T., Heyl J., Glazebrook K.), **280**, 235
- Interaction in the bimodal galaxy cluster A3528 (Schindler S.), **280**, 309
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), **280**, 749
- The ROSAT North Ecliptic Pole Deep Survey (Bower R.G., Hasinger G., Castander F.J., Aragón-Salamanca A., Ellis R.S., Gioia I.M., Henry J.P., Burg R., Huchra J.P., Böhringer H., Briel U.G., McLean B.), **281**, 59
- A Deep ROSAT Survey – X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71
- The space density of quasars at $z > 4$ (Hawkins M.R.S., Véron P.), **281**, 348
- The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey (Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fournon I.), **281**, 579
- Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from ROSAT All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **281**, 799
- The Canada-France Redshift Survey – XII. Nature of emission-line field galaxy population up to $z = 0.3$ (Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D.), **281**, 847
- QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function (Croom S.M., Shanks T.), **281**, 893
- Faint galaxies close to QSOs with damped Lyman α absorption systems (Aragón-Salamanca A., Ellis R.S., O'Brien K.S.), **281**, 945
- A deep radio observation of the gravitational lens candidate QSO 2345 + 007 (Patnaik A.R., Schneider P., Narayan R.), **281**, L17
- The Durham/UKST Galaxy Redshift Survey – I. Large-scale structure in the Universe (Ratcliffe A., Shanks T., Broadbent A., Parker Q.A., Watson F.G., Oates A.P., Fong R., Collins C.A.), **281**, L47
- Identification of a gravitationally lensed $z = 2.515$ star-forming galaxy (Ebbels T.M.D., Le Borgne J.-F., Pelló R., Ellis R.S., Kneib J.-P., Smail I., Sanahuja B.), **281**, L75
- Topology of COBE microwave background fluctuations (Colley W.N., Gott J.R., III, Park C.), **281**, L82

- A wide-field K -band survey – I. Galaxy counts in B , V , I and K (Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S.), **282**, L1
- The nature of the faint galaxies in the *Hubble Deep Field* (Mobasher B., Rowan-Robinson M., Georgakakis A., Eaton N.), **282**, L7
- The creation of large-scale voids by explosions of primordial supernovae (Miranda O.D., Opher R.), **283**, 912
- A search for lunar radio Čerenkov emission from high-energy neutrinos (Hankins T.H., Ekers R.D., O'Sullivan J.D.), **283**, 1027
- Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055
- Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **283**, 1103
- On determining the topology of the observable Universe via three-dimensional quasar positions (Roukema B.F.), **283**, 1147
- Galaxy–galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340
- High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388
- A wide-field K -band survey – II. Galaxy clustering (Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M.), **283**, L15
- COBE constraints on a Local Group X-ray halo (Banday A.J., Górski K.M.), **283**, L21
- Cosmology: theory**
- Spherical redshift distortions (Hamilton A.J.S., Culhane M.), **278**, 73
- Random dilutions, generating functions, and the void probability distribution function (Sheth R.K.), **278**, 101
- On universes with outsides and the angular-size/redshift diagram for milliarsecond radio-sources (Jackson J.C., Dodgson M.), **278**, 603
- Open cold dark matter models (Liddle A.R., Lyth D.H., Roberts D., Viana P.T.P.), **278**, 644
- Modelling the non-linear gravitational clustering in the expanding Universe (Padmanabhan T.), **278**, L29
- Using the kinematic Sunyaev–Zeldovich effect to determine the peculiar velocities of clusters of galaxies (Haehnelt M.G., Tegmark M.), **279**, 545
- Kurtosis in large-scale structure as a constraint on non-Gaussian initial conditions (Chodorowski M.J., Bouchet F.R.), **279**, 557
- Framework for cosmography at high redshift (Triari R., Spinelli L., Lafaye R.), **279**, 564
- A new method for accurate estimation of velocity field statistics (Bernardeau F., van de Weygaert R.), **279**, 693
- Decaying Λ cosmologies and statistical properties of gravitational lenses (Bloomfield Torres L.F., Waga I.), **279**, 712
- The correlation between bulk and shell velocities in cosmology (Loke H.Y., Heavens A.F.), **279**, 1303
- The distribution of pairwise peculiar velocities in the non-linear regime (Sheth R.K.), **279**, 1310
- The non-linear redshift-space power spectrum: Ω from redshift surveys (Fisher K.B., Nusser A.), **279**, L1
- Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave (Lou Y.-Q.), **279**, L67
- Erratum: Substructure in clusters of galaxies and the value of Ω (Dutta S.N.), **280**, 335
- Formation rate of gravitational structures and the cosmic X-ray background radiation (Kitayama T., Suto Y.), **280**, 638
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), **280**, 749
- Counts-in-cells analysis of the statistical distribution in an N -body simulated universe (Ueda H., Yokoyama J.), **280**, 754
- Formation of high-redshift objects in a cosmic string theory with hot dark matter (Moessner R., Brandenberger R.), **280**, 797
- 'Understanding' cosmological bulk viscosity (Zimdahl W.), **280**, 1239
- Non-linear evolution of cosmological power spectra (Peacock J.A., Dodds S.J.), **280**, L19
- Peak and gravity constraints in Gaussian primordial density fields: an application of the Hoffman–Ribak method (van de Weygaert R., Bertschinger E.), **281**, 84
- The cluster abundance in flat and open cosmologies (Viana P.T.P., Liddle A.R.), **281**, 323
- Weak lensing by large-scale structure in open, flat and closed universes (Villumsen J.V.), **281**, 369
- Pursuing parameters for critical-density dark matter models (Liddle A.R., Lyth D.H., Schaefer R.K., Shafi Q., Viana P.T.P.), **281**, 531
- Cluster correlation functions in N -body simulations (Eke V.R., Cole S., Frenk C.S., Navarro J.F.), **281**, 703
- The structure of dark matter haloes in hierarchical clustering models (Cole S., Lacey C.), **281**, 716
- The distribution of counts in cells in the non-linear regime (Sheth R.K.), **281**, 1124
- Galton–Watson branching processes and the growth of gravitational clustering (Sheth R.K.), **281**, 1277
- Quantifying the topology of large-scale structure (Coles P., Davies A.G., Pearson R.C.), **281**, 1375
- Cosmological implications of galaxy cluster evolution (Tsai J.C., Buote D.A.), **282**, 77
- Newtonian cosmology revisited (Tipler F.J.), **282**, 206
- Cluster evolution as a diagnostic for Ω (Eke V.R., Cole S., Frenk C.S.), **282**, 263
- Cold dark matter models with a cosmological constant (Liddle A.R., Lyth D.H., Viana P.T.P., White M.), **282**, 281
- An analytic model for the spatial clustering of dark matter haloes (Mo H.J., White S.D.M.), **282**, 347
- The cluster distribution as a test of dark matter models – III. The cluster velocity field (Moscardini L., Branchini E., Tini Brunozzi P., Borgani S., Plionis M., Coles P.), **282**, 384
- Accuracy of Lagrangian approximations in voids (Sahni V., Shandarin S.), **282**, 641
- Exact solutions connecting radiation and matter eras using imperfect fluids (Méndez V., Pavón D.), **282**, 753
- Non-linear cosmological power spectra in real and redshift space (Taylor A.N., Hamilton A.J.S.), **282**, 767
- Measuring the cosmological constant with redshift surveys (Ballinger W.E., Peacock J.A., Heavens A.F.), **282**, 877
- The correlation function of clusters of galaxies and the amplitude of mass fluctuations in the Universe (Mo H.J., Jing Y.P., White S.D.M.), **282**, 1096
- Time-varying G (Barrow J.D.), **282**, 1397
- The cosmic expansion and local dynamics (Bonnor W.B.), **282**, 1467
- Cold dark matter models with high baryon content (White M., Viana P.T.P., Liddle A.R., Scott D.), **283**, 107
- Post-Newtonian cosmological dynamics in Lagrangian coordinates (Matarrese S., Terranova D.), **283**, 400
- Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems (Haehnelt M.G., Rauch M., Steinmetz M.), **283**, 1055
- Power correlations in cosmology: limits on primordial non-Gaussian density fields (Stirling A.J., Peacock J.A.), **283**, L99
- Dark matter**
- The velocity dispersion profiles of clusters of galaxies: a cosmological test and the sampling effect (Jing Y.P., Börner G.), **278**, 321
- On universes with outsides and the angular-size/redshift diagram for milliarsecond radio-sources (Jackson J.C., Dodgson M.), **278**, 603
- Open cold dark matter models (Liddle A.R., Lyth D.H., Roberts D., Viana P.T.P.), **278**, 644
- Dark matter from quasar microlensing (Hawkins M.R.S.), **278**, 787
- Environmental effects on the structure of the dwarf spheroidal galaxies (Bellazzini M., Fusi Pecci F., Ferraro F.R.), **278**, 947
- Optimizing higher order Lagrangian perturbation theory for standard CDM and BSI models (Weiß A.G., Gottlöber S., Buchert T.), **278**, 953
- The nature of the Galactic dark matter (Evans N.W.), **278**, L5
- Modelling the non-linear gravitational clustering in the expanding Universe (Padmanabhan T.), **278**, L29
- On the dynamics of the cores of galaxy clusters (den Hartog R., Katgert P.), **279**, 349
- A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745–191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615
- The correlation between bulk and shell velocities in cosmology (Loke H.Y., Heavens A.F.), **279**, 1303
- The distribution of pairwise peculiar velocities in the non-linear regime (Sheth R.K.), **279**, 1310
- Sampling effects on cosmological dipoles (Kolokotronis V., Plionis M., Coles P., Borgani S., Moscardini L.), **280**, 186
- The real-space correlation function measured from the APM Galaxy Survey (Baugh C.M.), **280**, 267

- Formation rate of gravitational structures and the cosmic X-ray background radiation (Kitayama T., Suto Y.), **280**, 638
- Constraints on massive black holes as dark matter candidates using Galactic globular clusters (Klessen R., Burkert A.), **280**, 735
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), **280**, 749
- Testing Ansätze for quasi-non-linear clustering: the linear APM power spectrum (Baugh C.M., Gaztañaga E.), **280**, L37
- The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **281**, 27
- The cluster abundance in flat and open cosmologies (Viana P.T.P., Liddle A.R.), **281**, 323
- Pursuing parameters for critical-density dark matter models (Liddle A.R., Lyth D.H., Schaefer R.K., Shafi Q., Viana P.T.P.), **281**, 531
- The structure of dark matter haloes in hierarchical clustering models (Cole S., Lacey C.), **281**, 716
- The distribution of counts in cells in the non-linear regime (Sheth R.K.), **281**, 1124
- The Baryon Catastrophe and the multiphase intracluster medium (Gunn K.F., Thomas P.A.), **281**, 1133
- Galton–Watson branching processes and the growth of gravitational clustering (Sheth R.K.), **281**, 1277
- A deep radio observation of the gravitational lens candidate QSO 2345 + 007 (Patnaik A.R., Schneider P., Narayan R.), **281**, L17
- The tilt of the fundamental plane of elliptical galaxies – I. Exploring dynamical and structural effects (Ciotti L., Lanzoni B., Renzini A.), **282**, 1
- A consistent microlensing model for the Galactic bar (Zhao H., Rich R.M., Spergel D.N.), **282**, 175
- Solar neutrinos and dark matter: cosmions, CHAMPs or...DAEMONS? (Drobyshevski E.M.), **282**, 211
- Cold dark matter models with a cosmological constant (Liddle A.R., Lyth D.H., Viana P.T.P., White M.), **282**, 281
- A dynamical study of the Draco dwarf spheroidal galaxy (Hargreaves J.C., Gilmore G., Irwin M.J., Carter D.), **282**, 305
- An analytic model for the spatial clustering of dark matter haloes (Mo H.J., White S.D.M.), **282**, 347
- The cluster distribution as a test of dark matter models – III. The cluster velocity field (Moscardini L., Branchini E., Tini Brunozzi P., Borgani S., Plionis M., Coles P.), **282**, 384
- The correlation function of clusters of galaxies and the amplitude of mass fluctuations in the Universe (Mo H.J., Jing Y.P., White S.D.M.), **282**, 1096
- Weak gravitational lensing around field galaxies in *Hubble Space Telescope* survey images (Griffiths R.E., Casertano S., Im M., Ratnatunga K.U.), **282**, 1159
- On possible signatures of heavy neutrino balls in active galactic nuclei (Tsiklauri D., Viollier R.D.), **282**, 1299
- Large-scale fluctuations in the distribution of galaxies (Baugh C.M.), **282**, 1413
- H I observations of low surface brightness galaxies: probing low-density galaxies (de Blok W.J.G., McGaugh S.S., van der Hulst J.M.), **283**, 18
- Cold dark matter models with high baryon content (White M., Viana P.T.P., Liddle A.R., Scott D.), **283**, 107
- ASCA* and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), **283**, 263
- A comparison of X-ray and strong lensing properties of simulated X-ray clusters (Bartelmann M., Steinmetz M.), **283**, 431
- A statistic for identifying cosmic string wakes and other sheet-like structures (Robinson J., Albrecht A.), **283**, 733
- Detection of (dark) matter concentrations via weak gravitational lensing (Schneider P.), **283**, 837
- Erratum: The universal rotation curve of spiral galaxies – I. The dark matter connection (Persic M., Salucci P., Stel F.), **283**, 1102
- Collisional versus collisionless matter: a one-dimensional analysis of gravitational clustering (Gheller C., Moscardini L., Pantano O.), **283**, 1184
- On the microlensing optical depth of the Galactic bar (Zhao H., Mao S.), **283**, 1197
- The cores of dwarf galaxy haloes (Navarro J.F., Eke V.R., Frenk C.S.), **283**, L72
- Diffuse radiation**
- Photoionization and the formation of dwarf galaxies (Quinn T., Katz N., Efstathiou G.), **278**, L49
- On the interpretation of the He II absorption in the line of sight of Q0302–003 (Nath B.B., Sethi S.K.), **279**, 275
- A deep *ROSAT* survey – V. The extragalactic populations at faint fluxes (Georgantopoulos I., Stewart G.C., Shanks T., Boyle B.J., Griffiths R.E.), **280**, 276
- Contributions of AGNs and SNe Ia to the cosmic X-ray and gamma-ray backgrounds (Zdziarski A.A.), **281**, L9
- Shadowing of the 0.25-keV extragalactic X-ray background by the disc of NGC 55 (Barber C.R., Roberts T.P., Warwick R.S.), **282**, 157
- A deep *ROSAT* survey – XII. The X-ray spectra of faint *ROSAT* sources (Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I.), **282**, 295
- Distance scale**
- On universes with outskirts and the angular-size/redshift diagram for milliarcsecond radio-sources (Jackson J.C., Dodgson M.), **278**, 603
- Measuring Hubble's constant in our inhomogeneous Universe (Shi X., Widrow L.M., Dursi L.J.), **281**, 565
- The light-curve reconstruction method for measuring the time delay of gravitational lens systems (Geiger B., Schneider P.), **282**, 530
- Early Universe**
- Limits on H α emission from young galaxies (Collins C.A., Parkes I.M., Joseph R.D.), **282**, 903
- A statistic for identifying cosmic string wakes and other sheet-like structures (Robinson J., Albrecht A.), **283**, 733
- The creation of large-scale voids by explosions of primordial supernovae (Miranda O.D., Opher R.), **283**, 912
- Gravitational lensing**
- A candidate optical Einstein ring (Warren S.J., Hewett P.C., Lewis G.F., Möller P., Iovina A., Shaver P.A.), **278**, 139
- On universes with outskirts and the angular-size/redshift diagram for milliarcsecond radio-sources (Jackson J.C., Dodgson M.), **278**, 603
- Dark matter from quasar microlensing (Hawkins M.R.S.), **278**, 787
- The nature of the Galactic dark matter (Evans N.W.), **278**, L5
- Possible determination of isolated pulsar masses with gravitational microlensing (Horvath J.E.), **278**, L46
- Polarization during binary microlensing (Agol E.), **279**, 571
- A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745–191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615
- Decaying Λ cosmologies and statistical properties of gravitational lenses (Bloomfield Torres L.F., Waga I.), **279**, 712
- Wide-field EVN observations of the gravitational lens system 2016 + 112 (Garrett M.A., Porcas R.W., Nair S., Patnaik A.R.), **279**, L7
- Cluster mass reconstruction from weak gravitational lensing (Wilson G., Cole S., Frenk C.S.), **280**, 199
- Weak lensing by large-scale structure in open, flat and closed universes (Villumsen J.V.), **281**, 369
- A deep radio observation of the gravitational lens candidate QSO 2345 + 007 (Patnaik A.R., Schneider P., Narayan R.), **281**, L17
- The giant protogalaxy cB58: an artefact of gravitational lensing? (Williams L.L.R., Lewis G.F.), **281**, L35
- Identification of a gravitationally lensed $z = 2.515$ star-forming galaxy (Ebbels T.M.D., Le Borgne J.-F., Pelló R., Ellis R.S., Kneib J.-P., Smail I., Sanahuja B.), **281**, L75
- Biases, selection effects and image multiplicities in the Jodrell Bank–VLA gravitational lens survey (King L.J., Browne I.W.A.), **282**, 67
- A consistent microlensing model for the Galactic bar (Zhao H., Rich R.M., Spergel D.N.), **282**, 175
- Constraining Ω_0 using weak gravitational lensing by clusters (Wilson G., Cole S., Frenk C.S.), **282**, 501
- The light-curve reconstruction method for measuring the time delay of gravitational lens systems (Geiger B., Schneider P.), **282**, 530
- Weak gravitational lensing around field galaxies in *Hubble Space Telescope* survey images (Griffiths R.E., Casertano S., Im M., Ratnatunga K.U.), **282**, 1159
- The statistics of microlensing light curves – II. Temporal analysis (Lewis G.F., Irwin M.J.), **283**, 225
- ASCA* and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), **283**, 263
- Detection of (dark) matter concentrations via weak gravitational lensing (Schneider P.), **283**, 837

- Probing the dynamics of cluster-lenses (Natarajan P., Kneib J.-P.), **283**, 1031
- On the microlensing optical depth of the Galactic bar (Zhao H., Mao S.), **283**, 1197
- Galaxy–galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340
- Large-scale structure of Universe**
- Spherical redshift distortions (Hamilton A.J.S., Culhane M.), **278**, 73
- Random dilutions, generating functions, and the void probability distribution function (Sheth R.K.), **278**, 101
- The velocity dispersion profiles of clusters of galaxies: a cosmological test and the sampling effect (Jing Y.P., Börner G.), **278**, 321
- Minimal spanning tree statistics for the analysis of large-scale structure (Krzewina L.G., Saslaw W.C.), **278**, 869
- Studies of cosmic microwave background structure at Dec. = +40° – I. The performance of the Tenerife experiments (Davies R.D., Gutiérrez C.M., Hopkins J., Melhuish S.J., Watson R.A., Hoyland R.J., Rebolo R., Lasenby A.N., Hancock S.), **278**, 883
- Galactic synchrotron emission at high frequencies (Davies R.D., Watson R.A., Gutiérrez C.M.), **278**, 925
- Optimizing higher order Lagrangian perturbation theory for standard CDM and BSI models (Weiß A.G., Gottlöber S., Buchert T.), **278**, 953
- GRAPESPH: cosmological smoothed particle hydrodynamics simulations with the special-purpose hardware GRAPE (Steinmetz M.), **278**, 1005
- Modelling the non-linear gravitational clustering in the expanding Universe (Padmanabhan T.), **278**, L29
- Galactic extinction and Abell clusters (Nichol R.C., Connolly A.J.), **279**, 521
- Kurtosis in large-scale structure as a constraint on non-Gaussian initial conditions (Chodorowski M.J., Bouchet F.R.), **279**, 557
- Framework for cosmography at high redshift (Triay R., Spinelli L., Lafaye R.), **279**, 564
- The clustering of warm and cool *IRAS* galaxies (Mann R.G., Saunders W., Taylor A.N.), **279**, 636
- A new method for accurate estimation of velocity field statistics (Bernardeau F., van de Weygaert R.), **279**, 693
- The correlation between bulk and shell velocities in cosmology (Lok H.Y., Heavens A.F.), **279**, 1303
- Galaxy counts and the galaxy two-point angular correlation function to $l = 23$ (Lidman C.E., Peterson B.A.), **279**, 1357
- The non-linear redshift-space power spectrum: Ω from redshift surveys (Fisher K.B., Nusser A.), **279**, L1
- Sampling effects on cosmological dipoles (Kolokotronis V., Plionis M., Coles P., Borgani S., Moscardini L.), **280**, 186
- Autofit Redshift Survey – I. Evolution of the galaxy luminosity function (Ellis R.S., Colless M., Broadhurst T., Heyl J., Glazebrook K.), **280**, 235
- The real-space correlation function measured from the APM Galaxy Survey (Baugh C.M.), **280**, 267
- A method for extracting maximum resolution power spectra from microwave sky maps (Tegmark M.), **280**, 299
- Interaction in the bimodal galaxy cluster A3528 (Schindler S.), **280**, 309
- The clustering of blue and red galaxies at $B \sim 25.5$ mag (Roche N., Shanks T., Metcalfe N., Fong R.), **280**, 397
- Large-scale structure in a new deep *IRAS* galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), **280**, 673
- The epoch of structure formation in blue mixed dark matter models (Borgani S., Lucchin F., Matarrese S., Moscardini L.), **280**, 749
- Formation of high-redshift objects in a cosmic string theory with hot dark matter (Moessner R., Brandenberger R.), **280**, 797
- On the microwave background anisotropy produced by big voids in open universes (Fullana M.J., Arnau J.V., Sáez D.), **280**, 1181
- Non-linear evolution of cosmological power spectra (Peacock J.A., Dodds S.J.), **280**, L19
- Testing Ansätze for quasi-non-linear clustering: the linear APM power spectrum (Baugh C.M., Gaztañaga E.), **280**, L37
- Peak and gravity constraints in Gaussian primordial density fields: an application of the Hoffman–Ribak method (van de Weygaert R., Bertschinger E.), **281**, 84
- A nested-grid particle-mesh code for high-resolution simulations of gravitational instability in cosmology (Splinter R.J.), **281**, 281
- Physical constraints on the halo mass function (Porciani C., Ferrini F., Lucchin F., Matarrese S.), **281**, 311
- Weak lensing by large-scale structure in open, flat and closed universes (Villumsen J.V.), **281**, 369
- Measuring Hubble's constant in our inhomogeneous Universe (Shi X., Widrow L.M., Dursi L.J.), **281**, 565
- Cluster correlation functions in N-body simulations (Eke V.R., Cole S., Frenk C.S., Navarro J.F.), **281**, 703
- Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **281**, 799
- QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function (Croom S.M., Shanks T.), **281**, 893
- Quantifying the topology of large-scale structure (Coles P., Davies A.G., Pearson R.C.), **281**, 1375
- The Durham/UKST Galaxy Redshift Survey – I. Large-scale structure in the Universe (Ratcliffe A., Shanks T., Broadbent A., Parker Q.A., Watson F.G., Oates A.P., Fong R., Collins C.A.), **281**, L47
- Topology of *COBE* microwave background fluctuations (Colley W.N., Gott J.R., III, Park C.), **281**, L82
- Newtonian cosmology revisited (Tipler F.J.), **282**, 206
- The cluster distribution as a test of dark matter models – III. The cluster velocity field (Moscardini L., Branchini E., Tini Brunozzi P., Borgani S., Plionis M., Coles P.), **282**, 384
- Evolution of the angular momentum of protogalaxies from tidal torques: Zel'dovich approximation (Catelan P., Theuns T.), **282**, 436
- Non-linear evolution of the angular momentum of protostructures from tidal torques (Catelan P., Theuns T.), **282**, 455
- Accuracy of Lagrangian approximations in voids (Sahni V., Shandarin S.), **282**, 641
- The search for and investigation of large quasar groups (Kömberg B.V., Kravtsov A.V., Lukash V.N.), **282**, 713
- Non-linear cosmological power spectra in real and redshift space (Taylor A.N., Hamilton A.J.S.), **282**, 767
- Multifractal structure of *Lya* clouds: an example with the spectrum of QSO 0055–26 (Carbone V., Savaglio S.), **282**, 868
- Measuring the cosmological constant with redshift surveys (Ballinger W.E., Peacock J.A., Heavens A.F.), **282**, 877
- Power spectrum analysis of the Stromlo–APM redshift survey (Tadros H., Efstathiou G.), **282**, 1381
- Large-scale fluctuations in the distribution of galaxies (Baugh C.M.), **282**, 1413
- The superiority of the minimal spanning tree in percolation analyses of cosmological data sets (Bhavsar S.P., Splinter R.J.), **282**, 1461
- Cold dark matter models with high baryon content (White M., Viana P.T.P., Liddle A.R., Scott D.), **283**, 107
- Are the Perseus–Pisces chain and the Pavo–Indus wall connected? (Di Nella H., Couch W.J., Paturel G., Parker Q.A.), **283**, 367
- Post-Newtonian cosmological dynamics in Lagrangian coordinates (Matarrese S., Terranova D.), **283**, 400
- The two-point correlation function and morphological segregation in the Optical Redshift Survey (Hermit S., Santiago B.X., Lahav O., Strauss M.A., Davis M., Dressler A., Huchra J.P.), **283**, 709
- A statistic for identifying cosmic string wakes and other sheet-like structures (Robinson J., Albrecht A.), **283**, 733
- Detection of (dark) matter concentrations via weak gravitational lensing (Schneider P.), **283**, 837
- The creation of large-scale voids by explosions of primordial supernovae (Miranda O.D., Opher R.), **283**, 912
- Non-Gaussian likelihood function and *COBE* data (Amendola L.), **283**, 983
- Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data – I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **283**, 1103
- On determining the topology of the observable Universe via three-dimensional quasar positions (Roukema B.F.), **283**, 1147
- Collisional versus collisionless matter: a one-dimensional analysis of gravitational clustering (Gheller C., Moscardini L., Pantano O.), **283**, 1184
- The APM Galaxy Survey – III. An analysis of systematic errors in the angular correlation function and cosmological implications (Maddox S.J., Efstathiou G., Sutherland W.J.), **283**, 1227
- Large- and superlarge-scale structure in the Las Campanas Redshift

- Survey (Doroshkevich A.G., Tucker D.L., Oemler A., Jr, Kirshner R.P., Huan Lin, Shectman S.A., Landy S.D., Fong R.), **283**, 1281
- A wide-field K-band survey – II. Galaxy clustering (Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M.), **283**, L15
- COBE constraints on a Local Group X-ray halo (Banday A.J., Górski K.M.), **283**, L21
- Power correlations in cosmology: limits on primordial non-Gaussian density fields (Stirling A.J., Peacock J.A.), **283**, L99

Sources as a function of wavelength

Gamma-rays: bursts

- Coronal gamma-ray bursts as the sources of ultra-high-energy cosmic rays? (Vietri M.), **278**, L1
- Runaway instability and gamma-ray bursts (Nishida S., Lanza A., Eriguchi Y., Abramowicz M.A.), **278**, L41
- Searches for prompt radio emission at 151 MHz from the gamma-ray bursts GRB 950430 and GRB 950706 (Dessenne C.A.-C., Green D.A., Warner P.J., Titterton D.J., Waldram E.M., Barthelmy S.D., Butterworth P.S., Cline T.J., Gehrels N., Palmer D.M., Fishman G.J., Kouveliotou C., Meegan C.A.), **281**, 977
- Gamma-ray bursts from the final stage of primordial black hole evaporation (Belyanin A.A., Kocharovskiy V.V., Kocharovskiy V.I.V.), **283**, 626
- Gravity waves, gamma-ray bursts and the Hubble constant (Biesiada M.), **283**, 977
- The spectral flattening of the low-energy component in gamma-ray bursts (Cheng K.S., Wei D.M.), **283**, L133

Gamma-rays: observations

- The nature of the γ -ray source 2EG J2020 + 4026 (2CG078 + 2) (Brazier K.T.S., Kanbach G., Carramiñana A., Guichard J., Merck M.), **281**, 1033
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry (Zdziarski A.A., Johnson W.N., Magdziarz P.), **283**, 193
- Gravity waves, gamma-ray bursts and the Hubble constant (Biesiada M.), **283**, 977

Gamma-rays: theory

- On the mechanisms of gamma radiation in the Crab Nebula (Atayan A.M., Aharonian F.A.), **278**, 525
- On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67
- Contributions of AGNs and SNe Ia to the cosmic X-ray and gamma-ray backgrounds (Zdziarski A.A.), **281**, L9
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry (Zdziarski A.A., Johnson W.N., Magdziarz P.), **283**, 193
- Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892

Infrared: galaxies

- Near-infrared and millimetre polarimetry of Cen A (Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J.), **278**, 406
- Star formation history in a sample of starburst galaxies (Alonso-Herrero A., Aragón-Salamanca A., Zamorano J., Rego M.), **278**, 417
- The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components (Alonso-Herrero A., Ward M.J., Kotilainen J.K.), **278**, 902
- The prediction of the spectral properties of BL Lac samples (Marchä M.J.M., Browne I.W.A.), **279**, 72
- A new large sample of ultraluminous IRAS galaxies (Clements D.L., Sutherland W.J., Saunders W., Efstathiou G.P., McMahon R.G., Maddox S., Lawrence A., Rowan-Robinson M.), **279**, 459
- Optical imaging of ultraluminous IRAS galaxies: how many are mergers? (Clements D.L., Sutherland W.J., McMahon R.G., Saunders W.), **279**, 477

- Dust in high-redshift radio galaxies and the early evolution of spheroidal galaxies (Mazzei P., De Zotti G.), **279**, 535
- Radiative transfer models for IRAS F10214 + 4724 (Green S.M., Rowan-Robinson M.), **279**, 884
- K-band photometry of spectroscopic redshift survey objects (Gardner J.P.), **279**, 1157
- A study of 4C 13.66 – the final identification and redshift for the revised 3C sample (Rawlings S., Lacy M., Leahy J.P., Dunlop J.S., Garrington S.T., Lüdke E.), **279**, L13
- Optical and near-infrared spectropolarimetry of the infrared-luminous galaxy IRAS 23060 + 0505 (Young S., Hough J.H., Axon D.J., Ward M.J., Bailey J.A.), **280**, 291
- Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies (Heisler C.A., De Robertis M.M., Nadeau D.), **280**, 579
- Large-scale structure in a new deep IRAS galaxy redshift survey (Oliver S.J., Rowan-Robinson M., Broadhurst T.J., McMahon R.G., Saunders W., Taylor A., Lawrence A., Lonsdale C.J., Hacking P., Conrow T.), **280**, 673
- Stellar population of elliptical galaxies in different environments: spectroscopic CO observations (Mobasher B., James P.A.), **280**, 895
- Faint galaxies close to QSOs with damped Lyman α absorption systems (Aragón-Salamanca A., Ellis R.S., O'Brien K.S.), **281**, 945
- Polarimetry and modelling of narrow-line active galaxies (Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J.), **281**, 1206
- Erratum: Infrared spectroscopy of high-redshift quasars (Baker A.C., Carswell R.F., Bailey J.A., Espey B.R., Smith M.G., Ward M.J.), **282**, 704
- The intermittent variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts (Brindle C.), **282**, 788
- Limits on H α emission from young galaxies (Collins C.A., Parkes I.M., Joseph R.D.), **282**, 903
- A wide-field K-band survey – I. Galaxy counts in B, V, I and K (Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S.), **282**, L1
- Forbidden Fe⁺ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777
- A near-IR study of the host galaxies of radio-quiet quasars, radio-loud quasars and radio galaxies (Taylor G.L., Dunlop J.S., Hughes D.H., Robson E.I.), **283**, 930
- The nuclear torus in the active galaxy NGC 1068 (Young S., Packham C., Hough J.H., Efstathiou A.), **283**, L1
- A wide-field K-band survey – II. Galaxy clustering (Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M.), **283**, L15
- Anomalous radio-loudness of Cygnus A and other powerful radio galaxies (Barthel P.D., Arnaud K.A.), **283**, L45
- X-ray emission from the field of the hyperluminous IRAS galaxy IRAS F15307 + 3252 (Fabian A.C., Cutri R.M., Smith H.E., Crawford C.S., Brandt W.N.), **283**, L95
- Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals? (Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K.), **283**, L123

Infrared: general

- Continuous opacity from Ne⁺ (John T.L.), **279**, 859

Infrared: ISM: continuum

- Polarimetry of young stellar objects – I. Linear polarization of GSS 30 (Chrysostomou A., Clark S.G., Hough J.H., Gledhill T.M., McCall A., Tamura M.), **278**, 449
- 1.25-mm observations of a complete sample of IRAS galaxies – II. Dust properties (Andreani P., Franceschini A.), **283**, 85

Infrared: ISM: lines and bands

- The chemical composition of H II regions in the outer Galaxy (Vilchez J.M., Esteban C.), **280**, 720
- An investigation of the 3- μ m emission bands in planetary nebulae (Roche P.F., Lucas P.W., Hoare M.G., Aitken D.K., Smith C.H.), **280**, 924
- Near-infrared spectroscopy of the ultracompact H II region G45.12 + 0.13 (Lumsden S.L., Puxley P.J.), **281**, 493
- The emission band at 5.25 μ m and its relationship to the unidentified emission features at 11–13 and 3.4–3.6 μ m (Roche P.F., Lucas P.W., Geballe T.R.), **281**, L25
- Thermal effects in carbonaceous dust (Duley W.W.), **283**, 343
- Carbon monoxide in supernova 1995ad (Spyromilio J., Leibundgut B.), **283**, L89

Infrared: stars

- The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems (Feast M.W.), **278**, 11
- On the nature of the high-latitude B-type star CPD-61°455 (Hamblly N.C., Dufton P.L., Keenan F.P., Lumsden S.L.), **278**, 811
- Infrared photometry of WY Sge: just an ordinary old nova? (Somers M.W., Mukai K., Naylor T.), **278**, 845
- Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts (Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F.), **279**, 32
- Tidally induced warps in T Tauri discs – II. A parametric study of spectral energy distributions (Terquem C., Bertout C.), **279**, 415
- Evolution of the 1–4 μ m spectrum of Nova PW Vulpeculae 1984 (Williams P.M., Longmore A.J., Geballe T.R.), **279**, 804
- Optical, infrared and millimetre-wave properties of Vega-like systems (Sylvester R.J., Skinner C.J., Barlow M.J., Mannings V.), **279**, 915
- Infrared imaging of late-type stars (Ivezic Z., Elitzur M.), **279**, 1011
- Dust emission from IRC + 10216 (Ivezic Z., Elitzur M.), **279**, 1019
- Spectral analysis of M dwarfs (Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H.), **280**, 77
- Mid-infrared properties of globular clusters using the *IRAS* data base (Origlia L., Ferraro F.R., Fusi Pecci F.), **280**, 572
- Near-infrared observations of L1551-IRS 5 with image sharpening (Lucas P.W., Roche P.F.), **280**, 1219
- An early-time infrared and optical study of the Type Ia supernovae SN 1994D and 1991T (Meikle W.P.S. et al.), **281**, 263
- Discovery of the optical counterpart to the *ASCA* transient AX 1845.0–0433 (Coe M.J., Fabregat J., Negueruela I., Roche P., Steele I.A.), **281**, 333
- Models of highly extended dust shells around R Coronae Borealis (Nagendra K.N., Leung C.M.), **281**, 1139
- A revised period–luminosity relation for carbon Miras (Groenewegen M.A.T., Whitelock P.A.), **281**, 1347
- The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1
- Infrared spectroscopy of Nova Cassiopeiae 1993 – I. The pre-dust phase (Evans A., Geballe T.R., Rawlings J.M.C., Scott A.D.), **282**, 1049
- Infrared colours, distance determination and absolute magnitudes of a sample of faint cataclysmic variables (Sproats L.N., Howell S.B., Mason K.O.), **282**, 1211
- Optical, infrared and millimetre-wave properties of Vega-like systems – II. Radiative transfer modelling (Sylvester R.J., Skinner C.J.), **283**, 457
- Flaring and quiescent infrared behaviour of Cygnus X-3 (Fender R.P., Bell Burnell S.J., Williams P.M., Webster A.S.), **283**, 798
- 10- μ m imaging of the bipolar protoplanetary nebula Mz-3 (Quinn D.E., Fujiyoshi T., Moore T.J.T., Smith C.H., Smith R.G.), **283**, 1379

Radio continuum: galaxies

- A two-sided jet structure in the 'steep-spectrum core' of 3C293 (Akujor C.E., Leahy J.P., Garrington S.T., Sanghera H., Spencer R.E., Schilizzi R.T.), **278**, 1
- The two-stage origin of bright rings in extended radio lobes (Morrison P., Sadun A.), **278**, 265
- The jets in 3C 66B (Hardcastle M.J., Alexander P., Pooley G.G., Riley J.M.), **278**, 273
- A search for molecular gas in a high-redshift radio galaxy (Ivison R.J., Papadopoulos P., Seaquist E.R., Eales S.A.), **278**, 669
- The compact radio nucleus of the Seyfert galaxy NGC 1068 (Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J.), **278**, 854
- Multiwavelength energy distributions of ultraluminous *IRAS* galaxies – I. Submillimetre and X-ray observations (Rigopoulos D., Lawrence A., Rowan-Robinson M.), **278**, 1049
- Differential number counts of radio galaxies and quasars: evidence against the unified scheme (Singal A.K.), **278**, 1069
- Morphologies in megaparsec-size powerful radio galaxies (Subrahmanyan R., Saripalli L., Hunstead R.W.), **279**, 257
- Observing strategies for blank-field surveys in the submillimetre waveband (Blain A.W., Longair M.S.), **279**, 847
- Compact radio structure in the Seyfert nucleus of NGC 5929 (Su B.M., Muxlow T.W.B., Pedlar A., Holloway A.J., Steffen W., Kukula M.J., Mutel R.L.), **279**, 1111

- Observations of the radio jets in NGC 5090 (PKS B1318–434) (Lloyd B.D., Jones P.A., Haynes R.F.), **279**, 1197
- A study of 4C 13.66 – the final identification and redshift for the revised 3C sample (Rawlings S., Lacy M., Leahy J.P., Dunlop J.S., Garrington S.T., Lüdke E.), **279**, L13
- Spectropolarimetry of 3C 265, a misaligned radio galaxy (di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fournon I.), **279**, L57
- Interaction in the bimodal galaxy cluster A3528 (Schindler S.), **280**, 309
- The implications of large dust masses at high redshifts: a first look at galactic evolution in the submillimetre waveband (Eales S.A., Edmunds M.G.), **280**, 1167
- Unusual radio and optical structures in the Seyfert galaxy Markarian 6 (Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A.), **280**, 1283
- Evolution of the aligned structures in $z \sim 1$ radio galaxies (Best P.N., Longair M.S., Röttgering H.J.A.), **280**, L9
- Constraints on cosmic ray propagation from radio continuum data of NGC 2146 (Lisenfeld U., Alexander P., Pooley G.G., Wilding T.), **281**, 301
- Emission-line ratios in a radio-selected sample of active galactic nuclei (Simpson C., Ward M., Clements D.L., Rawlings S.), **281**, 509
- Spectrophotometry of a sample of 7C giant radio sources (Cotter G., Rawlings S., Saunders R.), **281**, 1081
- A *ROSAT* HRI observation of 3C 356: further evidence for a distant intracluster medium (Crawford C.S., Fabian A.C.), **281**, L5
- The head–tail and wide-angle–tail radio galaxies in cluster A3627 (Jones P.A., McAdam W.B.), **282**, 137
- ROSAT* observations of 3C radio-loud sources (Prieto M.A.), **282**, 421
- An intrinsically asymmetric radio galaxy: 0500 + 630? (Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W.), **282**, 837
- WN 1626 + 5153: a giant radio galaxy from the WENSS survey (Röttgering H.J.A., Tang Y., Bremer M.A.R., de Bruyn A.G., Miley G.K., Rengelink R.B., Bremer M.N.), **282**, 1033
- A survey for high-redshift radio-loud quasars: optical spectroscopy of $S > 0.2$ Jy, flat-spectrum radio sources (Hook I.M., McMahon R.G., Irwin M.J., Hazard C.), **282**, 1274
- The radio, optical and X-ray properties of the radio source 0927 + 352 (Machalski J., Brandt W.N.), **282**, 1305
- ROSAT* observations of distant 3CR radio galaxies – II (Crawford C.S., Fabian A.C.), **282**, 1483
- Evidence for widely separated primary and secondary hotspots in 3C 171 (Blundell K.M.), **283**, 538
- What bent the jets in 4C 34.16? (Sakelliou I., Merrifield M.R., McHardy I.M.), **283**, 673
- The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm (Gabuzda D.C., Cawthorne T.V.), **283**, 759
- Forbidden Fe⁺ emission from active galaxies (Simpson C., Forbes D.A., Baker A.C., Ward M.J.), **283**, 777
- Galaxy–galaxy gravitational lensing in the millimetre/submillimetre waveband (Blain A.W.), **283**, 1340
- Anomalous radio-loudness of Cygnus A and other powerful radio galaxies (Barthel P.D., Arnaud K.A.), **283**, L45

Radio continuum: general

- Wide-field EVN observations of the gravitational lens system 2016 + 112 (Garrett M.A., Porcas R.W., Nair S., Patnaik A.R.), **279**, L7
- Optical spectroscopy and polarization of a new sample of optically bright flat radio spectrum sources (Marchà M.J.M., Browne I.W.A., Impey C.D., Smith P.S.), **281**, 425
- Searches for prompt radio emission at 151 MHz from the gamma-ray bursts GRB 950430 and GRB 950706 (Dessenne C.A.-C., Green D.A., Warner P.J., Titterton D.J., Waldram E.M., Barthelmy S.D., Butterworth P.S., Cline T.L., Gehrels N., Palmer D.M., Fishman G.J., Kouveliotou C., Meegan C.A.), **281**, 977
- The 7C survey of radio sources at 151 MHz – a region covering RA 9^h to 16^h and Dec. 20° to 35° (Waldram E.M., Yates J.A., Riley J.M., Warner P.J.), **282**, 779
- Variance imaging in radio astronomy (Crawford D.F., Robertson J.G., Davidson G.), **283**, 336
- A new supernova remnant over the Galactic Centre (Kassim N.E., Frail D.A.), **283**, L51

Radio continuum: ISM

- Continuum emission associated with 6.7-GHz methanol masers (Ellingsen S.P., Norris R.P., McCulloch P.M.), **279**, 101

- Radio recombination line (H92 α) observations of Sgr E (Cram L.E., Claussen M.J., Beasley A.J., Gray A.D., Goss W.M.), **280**, 1110
- The implications of large dust masses at high redshifts: a first look at galactic evolution in the submillimetre waveband (Eales S.A., Edmunds M.G.), **280**, 1167
- Electron temperatures in the Galactic H II regions W43 and M17 (Subrahmanyan R., Goss W.M.), **281**, 239
- A submillimetre survey of W49A: support for the cloud-cloud collision model of W49N (Buckley H.D., Ward-Thompson D.), **281**, 294
- Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401
- Radio continuum: stars**
- Nova Cygni 1992 (V1974 Cygni): MERLIN observations from 1992 to 1994 (Eyles S.P.S., Davis R.J., Bode M.F.), **279**, 249
- Multifrequency observations of the Wolf-Rayet star WR 146: another colliding-wind binary? (Dougherty S.M., Williams P.M., van der Hucht K.A., Bode M.F., Davis R.J.), **280**, 963
- Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992–94 active phase (Skopal A. et al.), **282**, 327
- A self-colliding stellar wind model for SN 1979C (Schwarz D.H., Pringle J.E.), **282**, 1018
- Extended multifrequency observations of radio emission from the RS CVn binary HR 1099 (Jones K.L., Brown A., Stewart R.T., Slee O.B.), **283**, 1331
- Radio lines: galaxies**
- The relation between the neutral and the ionized gas in NGC 5252 (Prieto M.A., Freudling W.), **279**, 63
- OH Zeeman measurements of the magnetic fields in four megamaser galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143
- H I and optical observations of the NGC 428 field (Smoker J.V., Davies R.D., Axon D.J.), **281**, 393
- Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100 (Knapen J.H., Beckman J.E.), **283**, 251
- Radio lines: ISM**
- Galactic extinction and Abell clusters (Nichol R.C., Connolly A.J.), **279**, 521
- H I line measurements of pulsars towards the Gum nebula and the Carina arm (Johnston S., Koribalski B., Weisberg J.M., Wilson W.), **279**, 661
- The H I distribution in the environment of the WR star HD 50896 (Arnal E.M., Cappa C.E.), **279**, 788
- RNO 43: a jet-driven super-outflow (Bence S.J., Richer J.S., Padman R.), **279**, 866
- A survey of the Galactic plane for 6.7-GHz methanol masers – I. $l = 325^\circ$ – 335° ; $b = -0^\circ53$ – $0^\circ53$ (Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J.), **280**, 378
- The use of Positive Matrix Factorization in the analysis of molecular line spectra (Juvela M., Lehtinen K., Paatero P.), **280**, 616
- Clumpy ultracompact H II regions – II. Cores, spheres and shells from subsonic flows (Redman M.P., Williams R.J.R., Dyson J.E.), **280**, 661
- Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars (Williams R.J.R., Dyson J.E., Redman M.P.), **280**, 667
- Radio recombination line (H92 α) observations of Sgr E (Cram L.E., Claussen M.J., Beasley A.J., Gray A.D., Goss W.M.), **280**, 1110
- OH Zeeman measurements of the magnetic fields in four megamaser galaxies (Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J.), **280**, 1143
- A global model of protostellar bipolar outflow – II (Fiege J.D., Henriksen R.N.), **281**, 1055
- Two new young stellar objects with bipolar outflows in L379 (Kelly M.L., Macdonald G.H.), **282**, 401
- Radio observations in NH₃ and C₂S towards small molecular clouds and around pre-main-sequence stars (Scappini F., Codella C.), **282**, 587
- A search for 5₁–6₀ A⁺-methanol masers towards faint IRAS sources (van der Walt D.J., Retief S.J.P., Gaylard M.J., MacLeod G.C.), **282**, 1085
- MERLIN and EVN observations of small-scale structure in the interstellar H I (Davis R.J., Diamond P.J., Goss W.M.), **283**, 1105
- The search for methylisocyanocetylene in TMC-1 (Scappini F., Codella C., Guarnieri A.), **283**, L7
- Radio lines: stars**
- Submillimetre water masers in circumstellar envelopes – II. Variability (Yates J.A., Cohen R.J.), **278**, 655
- Proper motions of water vapour masers and bipolar outflow from NML Cygni (Richards A.M.S., Yates J.A., Cohen R.J.), **282**, 665
- Ultraviolet: galaxies**
- A quasar with ultrastrong, ultraviolet Fe II emission (Graham M.J., Clowes R.G., Campusano L.E.), **279**, 1349
- The origin of the correlation between the UV and X-rays in NGC 4151 (Zdziarski A.A., Magdziarz P.), **279**, L21
- The narrow variable components of C IV in NGC 4151 from 1981 to 1987 (Ulrich M.-H.), **281**, 907
- A paradigm revisited: the accretion disc in AGNs and quasars (Gondhalekar P.M., Rouillon-Foley C., Kellett B.J.), **282**, 117
- High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$ (Madau P., Ferguson H.C., Dickinson M.E., Giavalisco M., Steidel C.C., Fruchter A.), **283**, 1388
- Ultraviolet: general**
- Fe XII emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (SERTS) (Keenan F.P., Thomas R.J., Neupert W.M., Foster V.J., Brown P.J.F., Tayal S.S.), **278**, 773
- Properties of the Lyman α clouds from non-equilibrium photoionization models (Ferrara A., Giallongo E.), **282**, 1165
- Ultraviolet: ISM**
- A reanalysis of interstellar OH absorption observations (Roueff E.), **279**, L37
- Ultraviolet: stars**
- Are there any isolated old neutron stars in the *ROSAT* Wide Field Camera survey? (Manning R.A., Jeffries R.D., Willmore A.P.), **278**, 577
- Nova V351 Puppis 1991: a multiwavelength study of the nebular phase (Saizar P., Pachoulakis I., Shore S.N., Starrfield S., Williams R.E., Rothschild E., Sonneborn G.), **279**, 280
- Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394 (Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W.), **279**, 1120
- Superhumps and ultraviolet superdips: *HST* observations of OY Car (Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M.), **279**, 1274
- Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992–94 active phase (Skopal A. et al.), **282**, 327
- Optical and ultraviolet spectrophotometry of the ONeMg Nova V838 Herculis 1991 (Vanlandingham K.M., Starrfield S., Wagner R.M., Shore S.N., Sonneborn G.), **282**, 563
- The ultraviolet polarization of the Crab pulsar (Graham-Smith F., Dolan J.F., Boyd P.T., Biggs J.D., Lyne A.G., Percival J.W.), **282**, 1354
- Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion (Gómez de Castro A.I., Fernández M.), **283**, 55
- Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud (Kemp S.N., Bates B., Hambly N.C.), **283**, 1089
- X-rays: galaxies**
- ROSAT* PSPC observations of the infrared quasar IRAS 13349 + 2438: evidence for a warm absorber with internal dust (Brandt W.N., Fabian A.C., Pounds K.A.), **278**, 326
- ROSAT* observations of the SIGMA source GRS 1227 + 025 near 3C 273 (Leach C.M., McHardy I.M.), **278**, 465
- ROSAT* PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots (Reynolds C.S., Fabian A.C.), **278**, 479
- A test for partial correlation with censored astronomical data (Akritas M.G., Siebert J.), **278**, 919
- Multiwavelength energy distributions of ultraluminous IRAS galaxies – I. Submillimetre and X-ray observations (Rigopoulou D., Lawrence A., Rowan-Robinson M.), **278**, 1049

- Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111
- The energetics of flat and rotating early-type galaxies and their X-ray luminosity (Ciotti L., Pellegrini S.), **279**, 240
- The *ROSAT* X-ray spectra of BL Lacertae objects (Padovani P., Giommi P.), **279**, 526
- A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745-191 (Allen S.W., Fabian A.C., Kneib J.P.), **279**, 615
- The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325-5926 (Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H.), **279**, 837
- The soft X-ray properties of a complete sample of radio sources (Siebert J., Brinkmann W., Morganti R., Tadhunter C.N., Danziger I.J., Fosbury R.A.E., di Serego Alighieri S.), **279**, 1331
- The origin of the correlation between the UV and X-rays in NGC 4151 (Zdziarski A.A., Magdziarz P.), **279**, L21
- A deep *ROSAT* survey - V. The extragalactic populations at faint fluxes (Georgantopoulos I., Stewart G.C., Shanks T., Boyle B.J., Griffiths R.E.), **280**, 276
- A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319
- Unified theories of active galactic nuclei: a hard X-ray sample of Seyfert 2 galaxies (Smith D.A., Done C.), **280**, 355
- The role of magnetic reconnection in emission-line filaments in cooling flows (Jafelice L.C., Friaça A.C.S.), **280**, 438
- Formation rate of gravitational structures and the cosmic X-ray background radiation (Kitayama T., Suto Y.), **280**, 638
- ASCA* observations of 'the Antennae' (Sansom A.E., Dotani T., Okada K., Yamashita A., Fabbiano G.), **281**, 48
- The *ROSAT* North Ecliptic Pole Deep Survey (Bower R.G., Hasinger G., Castander F.J., Aragón-Salamanca A., Ellis R.S., Gioia I.M., Henry J.P., Burg R., Huchra J.P., Böhringer H., Briel U.G., McLean B.), **281**, 59
- A Deep *ROSAT* Survey - X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71
- The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey (Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fournon I.), **281**, 579
- ROSAT* PSPC and HRI observations of the composite starburst/Seyfert 2 galaxy NGC 1672 (Brandt W.N., Halpern J.P., Iwasawa K.), **281**, 687
- Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data - I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **281**, 799
- A *ROSAT* HRI observation of 3C 356: further evidence for a distant intracluster medium (Crawford C.S., Fabian A.C.), **281**, L5
- Contributions of AGNs and SNe Ia to the cosmic X-ray and gamma-ray backgrounds (Zdziarski A.A.), **281**, L9
- A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41
- A reflection-dominated X-ray spectrum discovered by *ASCA* in the Circinus galaxy (Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M.), **281**, L69
- ROSAT* PSPC spectra of X-ray-selected narrow-emission-line galaxies (Romero-Colmenero E., Branduardi-Raymont G., Carrera F.J., Jones L.R., Mason K.O., McHardy I.M., Mittaz J.P.D.), **282**, 94
- A paradigm revisited: the accretion disc in AGNs and quasars (Gondhalekar P.M., Rouillon-Foley C., Kellert B.J.), **282**, 117
- A deep *ROSAT* survey - XII. The X-ray spectra of faint *ROSAT* sources (Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I.), **282**, 295
- ROSAT* observations of 3C radio-loud sources (Prieto M.A.), **282**, 421
- Soft versus hard X-ray emission in active galactic nuclei: partial-covering and warm-plus-cold absorber models (Ceballos M.T., Barcons X.), **282**, 493
- The average X-ray/gamma-ray spectrum of radio-quiet Seyfert 1s (Gondek D., Zdziarski A.A., Johnson W.N., George I.M., McNaron-Brown K., Magdziarz P., Smith D., Gruber D.E.), **282**, 646
- A deep *ROSAT* survey - XI. Enhanced X-ray emission from faint galaxies (Roche N., Griffiths R.E., Della Ceca R., Shanks T., Boyle B.J., Georgantopoulos I., Stewart G.C.), **282**, 820
- The variable iron K emission line in MCG-6-30-15 (Iwasawa K., Fabian A.C., Reynolds C.S., Nandra K., Otani C., Inoue H., Hayashida K., Brandt W.N., Dotani T., Kunieda H., Matsuoka M., Tanaka Y.), **282**, 1038
- The radio, optical and X-ray properties of the radio source 0927 + 352 (Machalski J., Brandt W.N.), **282**, 1305
- ROSAT* observations of distant 3CR radio galaxies - II (Crawford C.S., Fabian A.C.), **282**, 1483
- Iron K α line intensity from accretion discs around rotating black holes (Martocchia A., Matt G.), **282**, L53
- Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry (Zdziarski A.A., Johnson W.N., Magdziarz P.), **283**, 193
- ASCA* and *ROSAT* observations of distant, massive cooling flows (Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y.), **283**, 263
- On the evolution of ejecta fragments in compact supernova remnants (Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W.), **283**, 419
- What bent the jets in 4C 34.16? (Sakellou I., Merrifield M.R., McHardy I.M.), **283**, 673
- A *ROSAT* survey of Hickson's compact galaxy groups (Ponman T.J., Bourner P.D.J., Ebeling H., Böhringer H.), **283**, 690
- Optical integral field spectroscopy and *ROSAT* X-ray imaging of IRAS 09104 + 4109 (Crawford C.S., Vanderschueren C.), **283**, 1003
- ROSAT* soft X-ray properties of the Large Bright Quasar Survey: modelling of stacked X-ray spectra (Scharif N., Green P.J., Anderson S.F., Hewett P.C., Foltz C.B., Margon B., Brinkmann W., Fink H., Trümper J.), **283**, 1015
- Erratum: Properties of the X-ray-brightest Abell-type clusters of galaxies (XBACs) from *ROSAT* All-Sky Survey data - I. The sample (Ebeling H., Voges W., Böhringer H., Edge A.C., Huchra J.P., Briel U.G.), **283**, 1103
- Double-peaked Balmer line emission in the radio-quiet AGN RX J1042 + 1212 (Puchnarewicz E.M., Mason K.O., Carrera F.J.), **283**, 1311
- The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396 (Mason K.O., Puchnarewicz E.M., Jones L.R.), **283**, L26
- X-ray emission from the field of the hyperluminous *IRAS* galaxy IF AS F15307 + 3252 (Fabian A.C., Cutri R.M., Smith H.E., Crawford C.S., Brandt W.N.), **283**, L95
- X-rays: general**
- ROSAT* PSPC observations of the remnant of SN 1006 (Willingale R., West R.G., Pye J.P., Stewart G.C.), **278**, 749
- X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082
- A resolved image of the Sunyaev-Zel'dovich effect in Abell 1413 (Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A.), **278**, L17
- An X-ray all-sky monitor with extraordinary sensitivity (Priedhorsky W.C., Peele A.G., Nugent K.A.), **279**, 733
- On the origin of the γ -ray emission in blazars (Ghisellini G., Madau P.), **280**, 67
- Interaction in the bimodal galaxy cluster A3528 (Schindler S.), **280**, 309
- Faint blue galaxies as a probe of the X-ray background at high redshift (Treyer M.A., Lahav O.), **280**, 469
- The iron K α line complex in Compton-thick Seyfert 2 galaxies (Matt G., Brandt W.N., Fabian A.C.), **280**, 823
- Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses (Tutukov A., Yungelson L.), **280**, 1035
- X-ray detection of Supernova 1988Z with the *ROSAT* High Resolution Imager (Fabian A.C., Terlevich R.), **280**, L5
- A Deep *ROSAT* Survey - X. X-ray-luminous narrow-emission-line galaxies (Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A.), **281**, 71
- Optical and X-ray properties of the RIXOS active galactic nuclei - I. The continua (Puchnarewicz E.M., Mason K.O., Romero-Colmenero E., Carrera F.J., Hasinger G., McMahon R., Mittaz J.P.D., Page M.J., Carballo R.), **281**, 1243
- Shadowing of the 0.25-keV extragalactic X-ray background by the disc of NGC 55 (Barber C.R., Roberts T.P., Warwick R.S.), **282**, 157
- A deep *ROSAT* survey - XII. The X-ray spectra of faint *ROSAT*

- sources (Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I.), **282**, 295
- The X-ray spectral properties of X-ray-selected AGN: *ROSAT* spectra of EMSS AGN (Cileigi P., Maccacaro T.), **282**, 477
- Soft versus hard X-ray emission in active galactic nuclei: partial-covering and warm-plus-cold absorber models (Ceballos M.T., Barcons X.), **282**, 493
- A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources (Biggs J.D., Lyne A.G.), **282**, 691
- ROSAT* HRI observations of the globular clusters M13 and M92 (Fox D., Lewin W., Margon B., van Paradijs J., Verbunt F.), **282**, 1027
- ROSAT* observations of the binary millisecond pulsar PSR J0751 + 1807 (Becker W., Trümper J., Lundgren S.C., Cordes J.M., Zepka A.F.), **282**, L33
- A comparison of X-ray and strong lensing properties of simulated X-ray clusters (Bartelmann M., Steinmetz M.), **283**, 431
- Green's matrix for Compton reflection of polarized radiation from cold matter (Poutanen J., Nagendra K.N., Svensson R.), **283**, 892
- COBE* constraints on a Local Group X-ray halo (Banday A.J., Górski K.M.), **283**, L21
- X-rays: ISM**
- A homologous recycling model for hot galactic coronae (Kritsuk A.G.), **280**, 319
- X-rays: stars**
- A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For (Ramsay G., Cropper M., Mason K.O.), **278**, 285
- IE 0830.9-2238 (Pyx2): a new intermediate polar (O'Donoghue D., Koen C., Kilkeny D.), **278**, 1075
- X-ray reflection in Galactic black hole candidates: smeared edge profiles and resonant Auger destruction (Ross R.R., Fabian A.C., Brandt W.N.), **278**, 1082
- Iron K fluorescent lines from relativistic, ionized discs (Matt G., Fabian A.C., Ross R.R.), **278**, 1111
- The response of tidally heated stars (Podsiadlowski Ph.), **279**, 1104
- Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394 (Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W.), **279**, 1120
- The spin period of the intermediate polar RX J0558 + 53 (Allan A., Horne K., Hellier C., Mukai K., Barwig H., Bennie P.J., Hilditch R.W.), **279**, 1345
- Phase lags and coherence of X-ray variability in black hole candidates (Nowak M.A., Vaughan B.A.), **280**, 227
- ROSAT* PSPC X-ray spectral survey of W UMa systems (McGale P.A., Pye J.P., Hodgkin S.T.), **280**, 627
- The X-ray spectrum of the intermediate polar AO Piscium (Hellier C., Mukai K., Ishida M., Fujimoto R.), **280**, 877
- On the interpretation of intermediate polar X-ray power spectra (Norton A.J., Beardmore A.P., Taylor P.), **280**, 937
- The probable mass of the companion in Cygnus X-3 (Mitra A.), **280**, 953
- An improved HR diagram for Chamaeleon I pre-main-sequence stars (Lawson W.A., Feigelson E.D., Huenemoerder D.P.), **280**, 1071
- Accretion mode changes in QS Tel (RE 1938-461): *EUVE*, *ROSAT* and optical observations (Rosen S.R., Mittaz J.P.D., Buckley D.A., Layden A.C., Clayton K.L., McCain C., Wynn G.A., Sirk M.M., Osborne J.P., Watson M.G.), **280**, 1121
- Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9-6951 from MACHO Project photometry (Alcock C. et al.), **280**, L49
- Discovery of the optical counterpart to the *ASCA* transient AX 1845.0-0433 (Coe M.J., Fabregat J., Negueruela I., Roche P., Steele I.A.), **281**, 333
- Self-induced warping of accretion discs (Pringle J.E.), **281**, 357
- The spectra of accretion discs in low-mass X-ray binaries (Ross R.R., Fabian A.C.), **281**, 637
- 2RE J0241-525: a nearby post-T Tauri visual binary system (Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R.), **281**, 1001
- Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg (Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A.), **281**, 1094
- The mass of the black hole in GS 2000 + 25 (= QZ Vul) (Beekman G., Shahbaz T., Naylor T., Charles P.A.), **281**, L1
- A powerful and highly variable off-nuclear X-ray source in the composite starburst/Seyfert 2 galaxy NGC 4945 (Brandt W.N., Iwasawa K., Reynolds C.S.), **281**, L41
- The optical counterpart of the supersoft Small Magellanic Cloud transient pulsar RX J0059.2-7138 (Southwell K.A., Charles P.A.), **281**, L63
- Have superhumps been seen in black hole soft X-ray transients? (O'Donoghue D., Charles P.A.), **282**, 191
- Infrared photometry of the intermediate polar XY Arietis (H0253 + 193) (Allan A., Hellier C., Ramseyer T.F.), **282**, 699
- Optical polarization and X-ray data on the AM Her star RE J1844-74 (Ramsay G., Cropper M., Wu K., Potter S.), **282**, 726
- Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination (Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T.), **282**, 977
- An atlas of optical continuum and line emission from low-mass X-ray binaries (Shahbaz T., Smale A.P., Naylor T., Charles P.A., van Paradijs J., Hassall B.J.M., Callanan P.), **282**, 1437
- Periodic UV modulation of X1850-087: a double degenerate binary in the globular cluster NGC 6712? (Homer L., Charles P.A., Naylor T., van Paradijs J., Aurière M., Koch-Miramond L.), **282**, L37
- An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009-45) (Shahbaz T., van der Hooft F., Charles P.A., Casares J., van Paradijs J.), **282**, L47
- Z Cam in outburst during the *ROSAT* All-Sky Survey (Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeffermann E.), **283**, 101
- ASCA* observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds (Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K.), **283**, 589
- The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360 (Hoare M.G., Drake J.J., Werner K., Dreizler S.), **283**, 830
- ASCA* observations of the iron K complex of Circinus X-1 near zero phase: spectral evidence for partial covering (Brandt W.N., Fabian A.C., Dotani T., Nagase F., Inoue H., Kotani T., Segawa Y.), **283**, 1071
- The age of PSR J1012 + 5307 (Burderi L., King A.R., Wynn G.A.), **283**, L63

AUTHOR INDEX

- Aarseth S.J. *see* Spurzem R.
 Ables J.G. *see* McConnell D.
 Abraham R.G., Tanvir N.R., Santiago B.X., Ellis R.S., Glazebrook K., van den Bergh S., Galaxy morphology to $I = 25$ mag in the *Hubble Deep Field*, **279**, L47
 Abramowicz M., Brandenburg A., Lasota J.-P., The dependence of the viscosity in accretion discs on the shear/vorticity ratio, **281**, L21
 Abramowicz M.A. *see* Igumenshchev I.V.
 Abramowicz M.A. *see* Nishida S.
 Adams N.G. *see* Williams T.L.
 Adelman C.J. *see* Adelman S.J.
 Adelman S.J. *see* Ryabchikova T.A.
 Adelman S.J., Elemental abundance analyses with DAO spectrograms – XV. The superficially normal late B-type and early A-type stars Merak, π Draconis and κ Cephei, **280**, 130
 Adelman S.J., Philip A.G.D., Adelman C.J., Elemental abundances of the mercury–manganese stars HR 89 and 33 Geminorum, **282**, 953
 Adelman S.J., Philip A.G.D., Elemental abundances of the B and A stars – III. Gamma Geminorum, HR 1397, HR 2154, HD 60825 and 7 Sextantis, **282**, 1181
 Adelman S.J., Philip A.G.D., Elemental abundances of field horizontal branch stars – IV. HD 74721, 86986 and 93329, **280**, 285
 Aerts C., Krisciunas K., Mode identification of the slowly pulsating F0V star V398 Aurigae (9 Aur), **278**, 877
 Agol E., Blaes O., Polarization from magnetized accretion discs in active galactic nuclei, **282**, 965
 Agol E., Polarization during binary microlensing, **279**, 571
 Aguilar L.A. *see* Levine S.E.
 Aharonian F.A. *see* Atoyan A.M.
 Aitken D.K. *see* Roche P.F.
 Akritas M.G., Siebert J., A test for partial correlation with censored astronomical data, **278**, 919
 Akujor C.E., Leahy J.P., Garrington S.T., Sanghera H., Spencer R.E., Schilizzi R.T., A two-sided jet structure in the ‘steep-spectrum core’ of 3C293, **278**, 1
 Albrecht A. *see* Robinson J.
 Albrow M.D., Cottrell P.L., Contribution functions and the depths of formation of spectral lines in Cepheids, **278**, 337
 Albrow M.D., Cottrell P.L., The binary Cepheid W Sgr, **280**, 917
 Alcock C., Allsman R.A., Alves D., Axelrod T.S., Bennett D.P., Charles P.A., Cook K.H., Freeman K.C., Griest K., Guern J., Lehner M.J., Livio M., Marshall S.L., Peterson B.A., Pratt M.R., Quinn P.J., Rodgers A.W., Southwell K.A., Stubbs C.W., Sutherland W., Welch D.L., Optical variability of the Large Magellanic Cloud supersoft source RX J0513.9–6951 from MACHO Project photometry, **280**, L49
 Alexander P. *see* Hardcastle M.J.
 Alexander P. *see* Lisenfeld U.
 Alexander P. *see* Sleath J.P.
 Alexander T. *see* Netzer H.
 Alimi J.-M. *see* Perez J.
 Allan A., Hellier C., Ramseyer T.F., Infrared photometry of the intermediate polar XY Arietis (H0253 + 193), **282**, 699
 Allan A., Horne K., Hellier C., Mukai K., Barwig H., Bennie P.J., Hilditch R.W., The spin period of the intermediate polar RX J0558 + 53, **279**, 1345
 Allard F. *see* Jones H.R.A.
 Allard F. *see* Schweitzer A.
 Allen C.S. *see* Smalley B.
 Allen S.W., Fabian A.C., Edge A.C., Bautz M.W., Furuzawa A., Tawara Y., *ASCA* and *ROSAT* observations of distant, massive cooling flows, **283**, 263
 Allen S.W., Fabian A.C., Kneib J.P., A combined X-ray and gravitational lensing study of the massive cooling-flow cluster PKS 0745–191, **279**, 615
 Aller L.H. *see* Feibelman W.A.
 Aller L.H. *see* Hyung S.
 Aller L.H. *see* Keenan F.P.
 Allsman R.A. *see* Alcock C.
 Almaini O., Shanks T., Boyle B.J., Griffiths R.E., Roche N., Stewart G.C., Georgantopoulos I., A deep *ROSAT* survey – XII. The X-ray spectra of faint *ROSAT* sources, **282**, 295
 Almoznino E. *see* Loeb A.J.
 Alonso-Herrero A., Aragón-Salamanca A., Zamorano J., Rego M., Star formation history in a sample of starburst galaxies, **278**, 417
 Alonso-Herrero A., Ward M.J., Kotilainen J.K., The near-infrared continuum of Seyfert 2s – deconvolution into the stellar and non-stellar components, **278**, 902
 Althaus L.G., Benvenuto O.G., Evolution of DB white dwarfs in the Canuto & Mazzitelli theory of convection, **278**, 981
 Alves D. *see* Alcock C.
 Aly J.-J. *see* Perez J.
 Amaral L.H., Ortiz R., Lépine J.R.D., Maciel W.J., The rotation curve of the Galaxy obtained from planetary nebulae and AGB stars, **281**, 339
 Amendola L., Non-Gaussian likelihood function and *COBE* data, **283**, 983
 Anderson S.F. *see* Schartel N.
 Andersson N., Kokkotas K.D., Schutz B.F., Space-time modes of relativistic stars, **280**, 1230
 André P. *see* Ward-Thompson D.
 Andreani P., Franceschini A., 1.25-mm observations of a complete sample of *IRAS* galaxies – II. Dust properties, **283**, 85
 Andrews P.J. *see* Fitzsimmons A.
 Andriant Y. *see* Frémat Y.
 Anglada G. *see* López R.
 Annan J.D. *see* Hargreaves J.C.
 Antonucci R.R.J. *see* Muxlow T.W.B.
 Antov A. *see* Tomov T.
 Aragón-Salamanca A. *see* Alonso-Herrero A.
 Aragón-Salamanca A. *see* Barger A.J.
 Aragón-Salamanca A. *see* Bower R.G.
 Aragón-Salamanca A., Ellis R.S., O’Brien K.S., Faint galaxies close to QSOs with damped Lyman α absorption systems, **281**, 945
 Aretxaga I. *see* Cid Fernandes R., Jr
 Armitage P.J., Clarke C.J., Magnetic braking of T Tauri stars, **280**, 458
 Arnal E.M., Cappa C.E., The H I distribution in the environment of the WR star HD 50896, **279**, 788
 Arnau J.V. *see* Fullana M.J.
 Arnaud K.A. *see* Barthel P.D.
 Arzoumanian Z. *see* Lyne A.G.
 Asher D.J. *see* Steel D.I.
 Asher D.J., Steel D.I., The orbital evolution of P/Machholz 2 and its debris, **280**, 1201
 Ashley R. *see* Howell S.B.
 Assendorp R. *see* Loeb A.J.
 Atoyan A.M., Aharonian F.A., On the mechanisms of gamma radiation in the Crab Nebula, **278**, 525
 Aurière M. *see* Homer L.
 Awaki H. *see* Iwasawa K.
 Axelrod T.S. *see* Alcock C.
 Axon D.J. *see* Corbett E.A.
 Axon D.J. *see* Holloway A.J.
 Axon D.J. *see* Kukula M.J.
 Axon D.J. *see* Packham C.
 Axon D.J. *see* Smoker J.V.
 Axon D.J. *see* Young S.
 Babcock L.M. *see* Williams T.L.
 Bacon D., Sigurdsson S., Davies M.B., Close approach during hard binary–binary scattering, **281**, 830
 Bailes M. *see* Johnston S.
 Bailes M. *see* Lorimer D.R.
 Bailes M. *see* Lyne A.G.
 Bailes M. *see* McConnell D.
 Bailes M. *see* Manchester R.N.
 Bailey J. *see* Ferrario L.
 Bailey J.A. *see* Baker A.C.
 Bailey J.A. *see* Packham C.
 Bailey J.A. *see* Young S.
 Bailey M.E., Emel’yanenko V.V., Dynamical evolution of Halley-type comets, **278**, 1087
 Bailey M.E., Emel’yanenko V.V., Hahn G., Harris N.W., Hughes K.A., Muinonen K., Scotti J.V., Orbital evolution of Comet 1995 O1 Hale-Bopp, **281**, 916
 Baker A. *see* Méndez R.A.

- Baker A.C. *see* Simpson C.
- Baker A.C., Carswell R.F., Bailey J.A., Espey B.R., Smith M.G., Ward M.J., Erratum: Infrared spectroscopy of high-redshift quasars, **282**, 704
- Baker J. *see* Grainge K.
- Balcells M. *see* Loeb A.J.
- Balcells M. *see* Meikle W.P.S.
- Baldwin J.A. *see* Carswell R.F.
- Baldwin J.A. *see* Netzer H.
- Balkowski C. *see* Henry R.B.C.
- Ballinger W.E., Peacock J.A., Heavens A.F., Measuring the cosmological constant with redshift surveys, **282**, 877
- Balmforth N.J., Gough D.O., Merryfield W.J., Structural changes to the Sun through the solar cycle, **278**, 437
- Balona L.A., Böhm T., Foing B.H., Ghosh K.K., Janot-Pacheco E., Krisciunas K., Lagrange A.-M., Lawson W.A., James S.D., Baudrand J., Catala C., Dreux M., Felenbok P., Hearnshaw J.B., Line profile variations in γ Doradus, **281**, 1315
- Balona L.A., Laney C.D., CCD Strömgren photometry of NGC 2362, **281**, 1341
- Balsara D.S. *see* Gerber R.A.
- Banday A.J., Górski K.M., COBE constraints on a Local Group X-ray halo, **283**, L21
- Bandyopadhyay R. *see* Shahbaz T.
- Baptista R., Steiner J.E., Horne K., Multicolour eclipse studies of UU Aquarii – II. The accretion disc, **282**, 99
- Barber C.R., Roberts T.P., Warwick R.S., Shadowing of the 0.25-keV extragalactic X-ray background by the disc of NGC 55, **282**, 157
- Barbuy B. *see* Bedding T.R.
- Barcons X. *see* Ceballos M.T.
- Barcons X. *see* Page M.J.
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- Barisciano L.P., Jr *see* Bord D.J.
- Barker D.M., Mestel L., Self-gravitating disc-like magnetic gas clouds, **282**, 317
- Barlow M.J. *see* Crawford I.A.
- Barlow M.J. *see* Liu X.-W.
- Barlow M.J. *see* Meaburn J.
- Barlow M.J. *see* Sylvester R.J.
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- Baron E., Hauschildt P.H., Nugent P., Branch D., Non-local thermodynamic equilibrium effects in modelling of supernovae near maximum light, **283**, 297
- Barrow J.D., Time-varying G, **282**, 1397
- Barstow M.A. *see* Watson M.G.
- Barstow M.A., Holberg J.B., Hubeny I., Lanz T., Bruhweiler F.C., Tweedy R.W., Solving the mystery of the heavy-element opacity in the DA white dwarf GD 394, **279**, 1120
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- Barthel P.D., Arnaud K.A., Anomalous radio-loudness of Cygnus A and other powerful radio galaxies, **283**, L45
- Barthelmy S.D. *see* Dessenne C.A.-C.
- Barwig H. *see* Allan A.
- Basri G. *see* Schweitzer A.
- Basu S., Christensen-Dalsgaard J., Pérez Hernández F., Thompson M.J., Filtering out near-surface uncertainties from helioseismic inversions, **280**, 651
- Bate M.R. *see* Bonnell I.A.
- Bates B. *see* Kemp S.N.
- Bates B. *see* Lyons M.A.
- Baudrand J. *see* Balona L.A.
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- Baugh C.M., Gardner J.P., Frenk C.S., Sharples R.M., A wide-field K-band survey – II. Galaxy clustering, **283**, L15
- Baugh C.M., Gaztañaga E., Testing Ansätze for quasi-non-linear clustering: the linear APM power spectrum, **280**, L37
- Baugh C.M., Large-scale fluctuations in the distribution of galaxies, **282**, 1413
- Baugh C.M., The real-space correlation function measured from the APM Galaxy Survey, **280**, 267
- Baum S.A. *see* Kukula M.J.
- Bautz M.W. *see* Allen S.W.
- Beardmore A.P. *see* Norton A.J.
- Beardmore A.P. *see* Watson M.G.
- Beasley A.J. *see* Cram L.E.
- Bechtold J. *see* Kulkarni V.P.
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- Beckman J.E. *see* Corradi R.L.M.
- Beckman J.E. *see* Knapen J.H.
- Bedding T.R., Kjeldsen H., Reetz J., Barbuy B., Measuring stellar oscillations using equivalent widths of absorption lines, **280**, 1155
- Bednarz J., Ostrowski M., The acceleration time-scale for first-order Fermi acceleration in relativistic shock waves, **283**, 447
- Beech M., Brown P., Jones J., On the non-observability of meteors from Comet C/1995 O1 Hale-Bopp, **283**, 137
- Beekman G., Shahbaz T., Naylor T., Charles P.A., The mass of the black hole in GS 2000 + 25 (= QZ Vul), **281**, L1
- Begelman M.C. *see* Sikora M.
- Bell A.R. *see* Lucek S.G.
- Bell A.R., Lucek S.G., Cosmic ray acceleration in pulsar-driven supernova remnants: the effect of scattering, **283**, 1083
- Bell Burnell S.J. *see* Fender R.P.
- Bell J.F. *see* Manchester R.N.
- Bell K.L. *see* Fleming J.
- Bell K.L. *see* Keenan F.P.
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- Bellazzini M., Vesperini E., Ferraro F.R., Fusi Pecci F., Dynamical families in the Galactic globular cluster system, **279**, 337
- Belyanin A.A., Kocharovskiy V.V., Kocharovskiy V.I., Gamma-ray bursts from the final stage of primordial black hole evaporation, **283**, 626
- Bence S.J., Richer J.S., Padman R., RNO 43: a jet-driven super-outflow, **279**, 866
- Benetti S. *see* Patat F.
- Benetti S. *see* Turatto M.
- Bennett D.P. *see* Alcock C.
- Bennie P.J. *see* Allan A.
- Benvenuto O.G. *see* Althaus L.G.
- Benvenuto O.G. *see* Brunini A.
- Bernardeau F., van de Weygaert R., A new method for accurate estimation of velocity field statistics, **279**, 693
- Berry F.J. *see* Bland P.A.
- Bertout C. *see* Terquem C.
- Bertschinger E. *see* van de Weygaert R.
- Best P.N., Longair M.S., Röttgering H.J.A., Evolution of the aligned structures in $z \sim 1$ radio galaxies, **280**, L9
- Bevan A.W.R. *see* Bland P.A.
- Bhatia A.K. *see* Kastner S.O.
- Bhatt H.C. *see* Gorti U.
- Bhatt H.C. *see* Sridharan T.K.
- Bhatta-Charya D., Datta B., Ohmic decay of magnetic flux expelled from neutron star interiors, **282**, 1059
- Bhattal A.S. *see* Whitworth A.P.
- Bhavsar S.P., Splinter R.J., The superiority of the minimal spanning tree in percolation analyses of cosmological data sets, **282**, 1461
- Bica E. *see* Schmitt H.R.
- Biesiada M., Gravity waves, gamma-ray bursts and the Hubble constant, **283**, 977
- Biggs J.D. *see* Graham-Smith F.
- Biggs J.D., Lyne A.G., A search for radio pulsars in globular clusters, supernova remnants and transient X-ray sources, **282**, 691
- Billington I., Marsh T.R., Dhillon V.S., The eclipsing dwarf nova HS 1804 + 6753, **278**, 673
- Billington I., Marsh T.R., Horne K., Cheng F.H., Thomas G., Bruch A., O'Donoghue D., Eracleous M., Superhumps and ultraviolet superdips: HST observations of OY Car, **279**, 1274
- Binney J. *see* Gerhard O.
- Binney J., Gerhard O., On the deprojection of the Galactic bulge, **279**, 1005
- Birch P.V. *see* Martinez P.
- Biro S., A single internal working surface in a periodic jet, **278**, 990
- Blackman E.G. *see* Kuncic Z.

- Blaes O. *see* Agol E.
- Blain A.W., Galaxy-galaxy gravitational lensing in the millimetre/submillimetre waveband, **283**, 1340
- Blain A.W., Longair M.S., Observing strategies for blank-field surveys in the submillimetre waveband, **279**, 847
- Blair D., Ju L., A cosmological background of gravitational waves produced by supernovae in the early Universe, **283**, 648
- Blake C.C. *see* Hill G.M.
- Bland P.A., Smith T.B., Jull A.J.T., Berry F.J., Bevan A.W.R., Cloudt S., Pillinger C.T., The flux of meteorites to the Earth over the last 50 000 years, **283**, 551
- Blommaert J.A.D.L. *see* Oudmaijer R.D.
- Bloomfield Torres L.F., Waga I., Decaying Λ cosmologies and statistical properties of gravitational lenses, **279**, 712
- Blundell K.M., Evidence for widely separated primary and secondary hotspots in 3C 171, **283**, 538
- Bode M.F. *see* Dougherty S.M.
- Bode M.F. *see* Eyres S.P.S.
- Bode M.F. *see* Skopal A.
- Bodenheimer P. *see* Burkert A.
- Bodo G. *see* Gliozzi M.
- Boffin H.M.J. *see* Theuns T.
- Bogdanovich P., Tautvaisienė G., Rudzikas Z., Momkauskaitė A., A simple method of accounting for correlation effects in electron transitions and its application in finding oscillator strengths and the solar abundance of zirconium, **280**, 95
- Bogovalov S.V., Plasma flow in the magnetosphere of an axisymmetric rotator, **280**, 39
- Böhm T. *see* Balona L.A.
- Böhringer H. *see* Bower R.G.
- Böhringer H. *see* Ebeling H.
- Böhringer H. *see* Ponman T.J.
- Boisson C. *see* Serote-Roos M.
- Bonev T. *see* Golev V.
- Bonnell I.A., Bate M.R., Price N.M., Protostellar envelopes: a clue to the initial conditions of star formation, **279**, 121
- Bonnor W.B., The cosmic expansion and local dynamics, **282**, 1467
- Bord D.J., Barisciano L.P., Jr, Cowley C.R., *gf*-values for singly ionized lanthanum based on a new calibration of NBS Monograph 145 intensities, **278**, 997
- Borgani S. *see* Kolokotronis V.
- Borgani S. *see* Moscardini L.
- Borgani S., Lucchin F., Matarrese S., Moscardini L., The epoch of structure formation in blue mixed dark matter models, **280**, 749
- Börner G. *see* Jing Y.P.
- Börngen F. *see* Scholz R.-D.
- Bouchet F.R. *see* Chodorowski M.J.
- Boumis P. *see* Meaburn J.
- Bourner P.D.J. *see* Ponman T.J.
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- Bowman M., Leahy J.P., Komissarov S.S., The deceleration of relativistic jets by entrainment, **279**, 899
- Boyd P.T. *see* Graham-Smith F.
- Boyle B.J. *see* Almaini O.
- Boyle B.J. *see* Georgantopoulos I.
- Boyle B.J. *see* Griffiths R.E.
- Boyle B.J. *see* Roche N.
- Bragaglia A. *see* Gozzoli E.
- Branch D. *see* Baron E.
- Branchini E. *see* Moscardini L.
- Brandenberger R. *see* Moessner R.
- Brandenburg A. *see* Abramowicz M.
- Brandt W.N. *see* Fabian A.C.
- Brandt W.N. *see* Iwasawa K.
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- Branduardi-Raymont G. *see* Romero-Colmenero E.
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- Bremer M.A.R. *see* Röttgering H.J.A.
- Bremer M.N. *see* Röttgering H.J.A.
- Bremer M.N. *see* Snellen I.A.G.
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- Briel U.G. *see* Bower R.G.
- Briel U.G. *see* Ebeling H.
- Brindle C., The internight variability of the optical to near-infrared flux density and polarization of the blazars 0215 + 015 and 0851 + 202 during outbursts, **282**, 788
- Brinkmann W. *see* Schartel N.
- Brinkmann W. *see* Siebert J.
- Broadbent A. *see* Ratcliffe A.
- Broadhurst T. *see* Ellis R.S.
- Broadhurst T.J. *see* Oliver S.J.
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- Brosch N. *see* Loan A.J.
- Brosch N., Hoffman G.L., VIII Zw 105: a starburst galaxy at $z \approx 0.06?$, **279**, 191
- Brown A. *see* Jones K.L.
- Brown P. *see* Beech M.
- Brown P. *see* Rendtel J.
- Brown P.J.F. *see* Keenan F.P.
- Browne I.W.A. *see* King L.J.
- Browne I.W.A. *see* Marchá M.J.M.
- Brownjohn D.P. *see* Weiss N.O.
- Bruch A. *see* Billington I.
- Bruhweiler F.C. *see* Barstow M.A.
- Brunini A., Benvenuto O.G., β Pictoris: its evolutionary status, **283**, L84
- Bruzual A. G. *see* Pozzetti L.
- Bryce M. *see* Meaburn J.
- Bryce M. *see* Skopal A.
- Bryn Jones J., Gilmore G., Wyse R.F.G., Good abundances from bad spectra – I. Techniques, **278**, 146
- Buchert T. *see* Weiß A.G.
- Buckley D.A. *see* Rosen S.R.
- Buckley D.A.H. *see* Jeffries R.D.
- Buckley D.A.H. *see* Stobie R.S.
- Buckley H.D. *see* Ward-Thompson D.
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- Buote D.A. *see* Tsai J.C.
- Burderi L., King A.R., Wynn G.A., The age of PSR J1012 + 5307, **283**, L63
- Burg R. *see* Bower R.G.
- Burkert A. *see* Klessen R.
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- Burkert A., Yoshii Y., The origin of galactic discs with exponential z -profiles, **282**, 1349
- Bussoletti E. *see* Zubko V.G.
- Butterworth P.S. *see* Dessenne C.A.-C.
- Caldwell J.A.R. *see* Cousins A.W.J.
- Callanan P. *see* Shahbaz T.
- Calvani M. *see* Romano P.
- Camilo F. *see* Lorimer D.R.
- Campusano L.E. *see* Graham M.J.
- Canizares C.R. *see* Reynolds C.S.
- Cannon W. *see* Slysh V.I.
- Cantó J. *see* Raga A.C.

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- Cappa C.E. *see* Arnal E.M.
- Cappellaro E. *see* Patat F.
- Cappellaro E. *see* Turatto M.
- Carballo R. *see* Page M.J.
- Carballo R. *see* Puchnarewicz E.M.
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- Carollo C.M. *see* de Zeeuw P.T.
- Carramiñana A. *see* Brazier K.T.S.
- Carraro G. *see* Munari U.
- Carrasco B.E. *see* Gardner J.P.
- Carrera F.J. *see* Page M.J.
- Carrera F.J. *see* Puchnarewicz E.M.
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- Carter D. *see* Bridges T.J.
- Carter D. *see* Hargreaves J.C.
- Cartwright I.M. *see* Fitzsimmons A.
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- Casares J. *see* Shahbaz T.
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- Casares J., Mouchet M., Martínez-Pais I.G., Harlaftis E.T., A coordinated campaign on the intermediate polar AE Aqr – I. The system parameters, **282**, 182
- Caselli P. *see* Williams D.A.
- Casertano S. *see* Griffiths R.E.
- Castander F.J. *see* Bower R.G.
- Castellani V. *see* Brocato E.
- Caswell J.L., A Galactic Centre survey for 6.6-GHz methanol masers, **283**, 606
- Caswell J.L., A new survey for 6.6-GHz methanol masers, **279**, 79
- Catala C. *see* Balona L.A.
- Catchpole R. *see* Fitzsimmons A.
- Catelan P., Theuns T., Evolution of the angular momentum of protogalaxies from tidal torques: Zel'dovich approximation, **282**, 436
- Catelan P., Theuns T., Non-linear evolution of the angular momentum of protostructures from tidal torques, **282**, 455
- Cawthorne T.V. *see* Gabuzda D.C.
- Cawthorne T.V., Gabuzda D.C., Milliarcsecond-scale polarization structure in the quasars 3C 279 and 3C 454.3, **278**, 861
- Cayatte V. *see* Henry R.B.C.
- Cayón L., Martínez-González E., Sanz J.L., Sugiyama N., Torres S., Ω from the COBE-DMR anisotropy maps, **279**, 1095
- Ceballos M.T., Barcons X., Soft versus hard X-ray emission in active galactic nuclei: partial-covering and warm-plus-cold absorber models, **282**, 493
- Celotti A. *see* Reynolds C.S.
- Chaboyer B., Demarque P., Kernan P.J., Krauss L.M., Sarajedini A., An accurate relative age estimator for globular clusters, **283**, 683
- Chakrabarti S.K., Global solutions of viscous transonic flows in Kerr geometry – I. Weak viscosity limit, **283**, 325
- Chamcham K., Hendry M.A., Thresholds on star formation and the chemical evolution of galactic discs: cosmochronology and the age of the Galaxy, **279**, 1083
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- Charles P.A. *see* Alcock C.
- Charles P.A. *see* Beekman G.
- Charles P.A. *see* Casares J.
- Charles P.A. *see* Homer L.
- Charles P.A. *see* O'Donoghue D.
- Charles P.A. *see* Pavlenko E.P.
- Charles P.A. *see* Shahbaz T.
- Charles P.A. *see* Southwell K.A.
- Charlot S. *see* Kauffmann G.
- Chatterjee T.N. *see* Das T.K.
- Cheng F.H. *see* Billington I.
- Cheng K.S., Wei D.M., The spectral flattening of the low-energy component in gamma-ray bursts, **283**, L133
- Chincarini G. *see* Saracco P.
- Chochol D. *see* Skopal A.
- Chodorowski M.J., Bouchet F.R., Kurtosis in large-scale structure as a constraint on non-Gaussian initial conditions, **279**, 557
- Christensen P.R. *see* Flynn C.
- Christensen-Dalsgaard J. *see* Basu S.
- Chrysostomou A. *see* Gledhill T.M.
- Chrysostomou A. *see* Packham C.
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- Church S.E. *see* Greaves J.S.
- Cid Fernandes R., Jr., Aretxaga I., Terlevich R., The QSO variability–luminosity–redshift relation, **282**, 1191
- Cid-Fernandes R., Plewa T., Różyczka M., Franco J., Terlevich R., Tenorio-Tagle G., Miller W., On the evolution of ejecta fragments in compact supernova remnants, **283**, 419
- Cilieggi P., Maccacaro T., The X-ray spectral properties of X-ray-selected AGN: ROSAT spectra of EMSS AGN, **282**, 477
- Cimatti A. *see* di Serego Alighieri S.
- Cimatti A. *see* Meikle W.P.S.
- Ciotti L., Lanzoni B., Renzini A., The tilt of the fundamental plane of elliptical galaxies – I. Exploring dynamical and structural effects, **282**, 1
- Ciotti L., Pellegrini S., The energetics of flat and rotating early-type galaxies and their X-ray luminosity, **279**, 240
- Clark S.G. *see* Chrysostomou A.
- Clarke C.J. *see* Armitage P.J.
- Clarke C.J. *see* Hall S.M.
- Clarke C.J. *see* Smith K.W.
- Clarke C.J., Scale-free fragmentation models for binary star formation: observational implications, **283**, 353
- Clarke C.J., Syer D., Low-mass companions to T Tauri stars: a mechanism for rapid-rise FU Orionis outbursts, **278**, L23
- Clarke D., Noise-induced bias in magnitude determinations, **278**, 635
- Claussen M.J. *see* Cram L.E.
- Clayton C.A. *see* Meaburn J.
- Clayton K.L. *see* Rosen S.R.
- Clements D. *see* Hawkins M.R.S.
- Clements D.L. *see* Simpson C.
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- Cliffe J.A., Frank A., Jones T.W., Precessing jets and molecular outflows: a 3D numerical study, **282**, 1114
- Cline T.L. *see* Dessenne C.A.-C.
- Cloudt S. *see* Bland P.A.
- Clowes R.G. *see* Graham M.J.
- Codella C. *see* Scappini F.
- Coe M.J. *see* Miller A.S.
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- Cohen R.J. *see* Richards A.M.S.
- Cohen R.J. *see* Yates J.A.
- Colangeli L. *see* Zubko V.G.
- Cole S. *see* Baugh C.M.
- Cole S. *see* Eke V.R.
- Cole S. *see* Wilson G.
- Cole S., Lacey C., The structure of dark matter haloes in hierarchical clustering models, **281**, 716
- Coles P. *see* Kolokotronis V.

- Coles P. *see* Moscardini L.
- Coles P., Davies A.G., Pearson R.C., Quantifying the topology of large-scale structure, **281**, 1375
- Colless M. *see* Ellis R.S.
- Colley W.N., Gott J.R., III, Park C., Topology of COBE microwave background fluctuations, **281**, L82
- Collins C.A. *see* Ratcliffe A.
- Collins C.A., Parkes I.M., Joseph R.D., Limits on H α emission from young galaxies, **282**, 903
- Connolly A.J. *see* Nichol R.C.
- Conrow T. *see* Oliver S.J.
- Contopoulos J. *see* Tsinganos K.
- Cook K.H. *see* Alcock C.
- Cooke A.J. *see* Carswell R.F.
- Corbett E.A., Robinson A., Axon D.J., Hough J.H., Jeffries R.D., Thurston M.R., Young S., The appearance of broad H α in BL Lacertae, **281**, 737
- Corcoran M.F. *see* Stevens I.R.
- Cordes J.M. *see* Becker W.
- Corradi R.L.M., Beckman J.E., Simonneau E., Radiative transfer models of dusty galaxian discs, **282**, 1005
- Cotter G., Rawlings S., Saunders R., Spectrophotometry of a sample of 7C giant radio sources, **281**, 1081
- Cottrell P.L. *see* Albrow M.D.
- Cottrell P.L. *see* Pollard K.R.
- Couch W.J. *see* Barger A.J.
- Couch W.J. *see* Clements D.L.
- Couch W.J. *see* Di Nella H.
- Couch W.J. *see* Méndez R.A.
- Cousins A.W.J., Caldwell J.A.R., DDO photometry of E-region stars and equatorial standards – II, **281**, 522
- Coutts A., The scale and dispersion of galactic alignments, **278**, 87
- Cowley C.R. *see* Bord D.J.
- Cram L.E., Clausen M.J., Beasley A.J., Gray A.D., Goss W.M., Radio recombination line (H 92α) observations of Sgr E, **280**, 1110
- Crampton D. *see* Schade D.
- Crampton D. *see* Tresse L.
- Crawford C.S. *see* Fabian A.C.
- Crawford C.S., Fabian A.C., A ROSAT HRI observation of 3C 356: further evidence for a distant intracluster medium, **281**, L5
- Crawford C.S., Fabian A.C., ROSAT observations of distant 3CR radio galaxies – II, **282**, 1483
- Crawford C.S., Vanderriest C., Optical integral field spectroscopy and ROSAT X-ray imaging of IRAS 09104 + 4109, **283**, 1003
- Crawford D.F., Robertson J.G., Davidson G., Variance imaging in radio astronomy, **283**, 336
- Crawford I.A., Barlow M.J., Ultra-high-resolution measurements of the intrinsic line profiles of interstellar C $_2$ towards ζ Ophiuchi and HD 169454, **280**, 863
- Cristiani S. *see* Fontana A.
- Croom S.M. *see* Meikle W.P.S.
- Croom S.M., Shanks T., QSO clustering – III. Clustering in the Large Bright Quasar Survey and evolution of the QSO correlation function, **281**, 893
- Cropper M. *see* Ramsay G.
- Culhane M. *see* Hamilton A.J.S.
- Cumming R.J. *see* Meikle W.P.S.
- Cumming R.J., Lundqvist P., Smith L.J., Pettini M., King D.L., Circumstellar H α from SN 1994D and future Type Ia supernovae: an observational test of progenitor models, **283**, 1355
- Currie M.J. *see* Drinkwater M.J.
- Curry C., Pudritz R.E., On the global stability of magnetized accretion discs – III. Non-axisymmetric modes, **281**, 119
- Cutri R.M. *see* Fabian A.C.
- D'Amico N. *see* Johnston S.
- D'Amico N. *see* Lorimer D.R.
- D'Amico N. *see* Manchester R.N.
- Danziger I.J. *see* Patat F.
- Danziger I.J. *see* Siebert J.
- Danziger I.J. *see* Turatto M.
- D'Arrigo P. *see* Walker D.D.
- D'Arrigo P., Diego F., Walker D.D., Active compensation of flexure on the WHT ISIS spectrograph, **281**, 679
- Das T.K., Chatterjee T.N., Periodicity in the basal component of solar radio emission, **278**, 6
- Datta B. *see* Bhattacharya D.
- Davey S.C., Smith R.C., Spectroscopic imaging of the secondary star in AM Her, **280**, 481
- Davidson G. *see* Crawford D.F.
- Davies A.G. *see* Coles P.
- Davies E. *see* Saravanan T.P.
- Davies J.I. *see* Jones H.
- Davies M.B. *see* Bacon D.
- Davies R.D. *see* Smoker J.V.
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- Davies R.D., Watson R.A., Gutiérrez C.M., Galactic synchrotron emission at high frequencies, **278**, 925
- Davis M. *see* Hermit S.
- Davis R.J. *see* Dougherty S.M.
- Davis R.J. *see* Eyres S.P.S.
- Davis R.J. *see* Skopal A.
- Davis R.J., Diamond P.J., Goss W.M., MERLIN and EVN observations of small-scale structure in the interstellar H I, **283**, 1105
- de Blok W.J.G., McGaugh S.S., van der Hulst J.M., H I observations of low surface brightness galaxies: probing low-density galaxies, **283**, 18
- de Bruijne J.H.J., van der Marel R.P., de Zeeuw P.T., Scale-free dynamical models for galaxies: flattened densities in spherical potentials, **282**, 909
- de Bruyn A.G. *see* Röttgering H.J.A.
- de Freitas Pacheco J.A., Metallicity and abundance ratios in elliptical galaxies, **278**, 841
- de Groot M. *see* Israelian G.
- de la Fuente A., Rodríguez-Pascual P.M., Sanz J.L., Recondo M.C., The Ly α forest of the quasar HS 1946 + 7658: properties of the Ly α absorbing systems at high z , **281**, 463
- De Marchi G. *see* Méndez R.A.
- De Robertis M.M. *see* Heisler C.A.
- de Zeeuw P.T. *see* de Bruijne J.H.J.
- de Zeeuw P.T. *see* Robijn F.H.A.
- de Zeeuw P.T. *see* van den Bosch F.C.
- de Zeeuw P.T., Carollo C.M., A family of triaxial mass models with central cusps, **281**, 1333
- de Zeeuw P.T., Evans N.W., Schwarzschild M., Jeans and Boltzmann solutions for oblate galaxies with flat rotation curves, **280**, 903
- De Zotti G. *see* Mazzei P.
- Della Ceca R. *see* Griffiths R.E.
- Della Ceca R. *see* Roche N.
- Della Valle M. *see* Patat F.
- Della Valle M. *see* Turatto M.
- Demarque P. *see* Chaboyer B.
- den Hartog R., Katgert P., On the dynamics of the cores of galaxy clusters, **279**, 349
- Dendy R.O. *see* McClements K.G.
- Deshpande A.A. *see* Ellingsen S.P.
- Deshpande A.A. *see* Saravanan T.P.
- Dessenne C.A.-C., Green D.A., Warner P.J., Titterton D.J., Waldram E.M., Barthelmy S.D., Butterworth P.S., Cline T.L., Gehrels N., Palmer D.M., Fishman G.J., Kouveliotou C., Meegan C.A., Searches for prompt radio emission at 151 MHz from the gamma-ray bursts GRB 950430 and GRB 950706, **281**, 977
- Dhillon V.S. *see* Billington I.
- Dhillon V.S. *see* Meikle W.P.S.
- Dhillon V.S. *see* Watson M.G.
- Di Matteo T. *see* Reynolds C.S.
- Di Nella H. *see* Rousseau J.
- Di Nella H., Couch W.J., Paturel G., Parker Q.A., Are the Perseus–Pisces chain and the Pavo–Indus wall connected?, **283**, 367
- di Serego Alighieri S. *see* Siebert J.
- di Serego Alighieri S., Cimatti A., Fosbury R.A.E., Perez-Fournon I., Spectropolarimetry of 3C 265, a misaligned radio galaxy, **279**, L57
- Diamond P.J. *see* Davis R.J.
- Diamond P.J. *see* Humphreys E.M.L.
- Díaz A.I. *see* Terlevich E.
- Dickinson M.E. *see* Madau P.
- Dickson R.C. *see* Tadhunter C.N.
- Diego F. *see* D'Arrigo P.
- Dodds S.J. *see* Peacock J.A.
- Dodgson M. *see* Jackson J.C.

- D'Odorico S. *see* Fontana A.
Dolan J.F. *see* Graham-Smith F.
Donati J.F. *see* Steeghs D.
Done C. *see* Smith D.A.
Donner K.J. *see* Wahde M.
Dorokhov N.I. *see* Martinez P.
Dorokhova T.N. *see* Martinez P.
Doroshkevich A.G., Tucker D.L., Oemler A., Jr, Kirshner R.P., Huan Lin, Shectman S.A., Landy S.D., Fong R., Large- and superlarge-scale structure in the Las Campanas Redshift Survey, **283**, 1281
Dotani T. *see* Brandt W.N.
Dotani T. *see* Iwasawa K.
Dotani T. *see* Sansom A.E.
Dougherty S.M., Williams P.M., van der Hucht K.A., Bode M.F., Davis R.J., Multifrequency observations of the Wolf-Rayet star WR 146: another colliding-wind binary?, **280**, 963
Drake J.J. *see* Hoare M.G.
Draper P.W. *see* Scarrott S.M.
Dreizler S. *see* Hoare M.G.
Dressler A. *see* Hermit S.
Dreux M. *see* Balona L.A.
Drew J.E. *see* Knigge C.
Drew J.E. *see* Meaburn J.
Drimmel R., Viscous damping in self-gravitating accretion discs, **282**, 982
Drinkwater M.J., Currie M.J., Young C.K., Hardy E., Yearsley J.M., Blue compact dwarf galaxies and new velocities in Virgo, **279**, 595
Drobyshevski E.M., Solar neutrinos and dark matter: cosmions, CHAMPs or...DAEMONS?, **282**, 211
Drukier G.A., Retention fractions for globular cluster neutron stars, **280**, 498
Drury L.O'C. *see* McClements K.G.
Drury L.O'C. *see* O'Brien I.
Duck S.R. *see* Marsh T.R.
Duffy P. *see* McClements K.G.
Dufton P.L. *see* Hambly N.C.
Dufton P.L. *see* Ryans R.S.I.
Duley W.W., The formation of H₂ by H-atom reaction with grain surfaces, **279**, 591
Duley W.W., Thermal effects in carbonaceous dust, **283**, 343
Duncan A.R., Stewart R.T., Haynes R.F., Jones K.L., The Vela supernova remnant and the Gum nebula: new perspectives at 2.4 GHz, **280**, 252
Dunlop J.S. *see* Rawlings S.
Dunlop J.S. *see* Taylor G.L.
Dursi L.J. *see* Shi X.
Dutta S.N., Erratum: Substructure in clusters of galaxies and the value of Ω , **280**, 335
Dyson J.E. *see* Holloway A.J.
Dyson J.E. *see* Redman M.P.
Dyson J.E. *see* Williams R.J.R.
Eales S.A. *see* Ivison R.J.
Eales S.A., Edmunds M.G., The implications of large dust masses at high redshifts: a first look at galactic evolution in the submillimetre waveband, **280**, 1167
Earn D.J.D. *see* Robijn F.H.A.
Earn D.J.D., Lynden-Bell D., Cooperation of orbital streams in disc galaxies, **278**, 395
Eaton N. *see* Mobasher B.
Ebbels T.M.D., Le Borgne J.-F., Pelló R., Ellis R.S., Kneib J.-P., Smail I., Sanahuja B., Identification of a gravitationally lensed $z = 2.515$ star-forming galaxy, **281**, L75
Ebeling H. *see* Ponman T.J.
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Economou F. *see* Meikle W.P.S.
Edge A. *see* Grainge K.
Edge A.C. *see* Allen S.W.
Edge A.C. *see* Ebeling H.
Edmunds M.G. *see* Eales S.A.
Edmunds M.G. *see* Henry R.B.C.
Edmunds M.G. *see* Philipps S.
Edmunds M.G. *see* Thurston T.R.
Efstathiou A. *see* Young S.
Efstathiou G. *see* Maddox S.J.
Efstathiou G. *see* Quinn T.
Efstathiou G. *see* Tadolari H.
Efstathiou G. *see* Tegmark M.
Efstathiou G.P. *see* Clements D.L.
Eggers S., Woolfson M.M., Stellar perturbations of inner core comets and the impulse approximation, **282**, 13
Eggleton P.P. *see* Tout C.A.
Eichhorn H. *see* Smith H., Jr
Eke V.R. *see* Navarro J.F.
Eke V.R., Cole S., Frenk C.S., Cluster evolution as a diagnostic for Ω , **282**, 263
Eke V.R., Cole S., Frenk C.S., Navarro J.F., Cluster correlation functions in N-body simulations, **281**, 703
Ekers R.D. *see* Hankins T.H.
Elitzur M. *see* Ivezić Z.
Ellingsen S.P., Norris R.P., McCulloch P.M., Continuum emission associated with 6.7-GHz methanol masers, **279**, 101
Ellingsen S.P., von Bibra M.L., McCulloch P.M., Norris R.P., Deshpande A.A., Phillips C.J., A survey of the Galactic plane for 6.7-GHz methanol masers - I. $l = 325^\circ - 335^\circ$; $b = -0^\circ 53' - 0^\circ 53'$, **280**, 378
Elliott J.R., Equation of state in the solar convection zone and the implications of helioseismology, **280**, 1244
Elliott K.H., A novel zoom-lens spectrograph for a small astronomical telescope, **281**, 158
Ellis R.S. *see* Abraham R.G.
Ellis R.S. *see* Aragón-Salamanca A.
Ellis R.S. *see* Barger A.J.
Ellis R.S. *see* Bower R.G.
Ellis R.S. *see* Ebbels T.M.D.
Ellis R.S., Colless M., Broadhurst T., Heyl J., Glazebrook K., Autofib Redshift Survey - I. Evolution of the galaxy luminosity function, **280**, 235
Elson R.A.W. *see* Santiago B.X.
Elson R.A.W., Santiago B.X., The globular clusters in M87: a bimodal colour distribution, **278**, 617
Elson R.A.W., Santiago B.X., The M87 globular cluster system revisited, **280**, 971
Elsworth Y. *see* Chaplin W.J.
Emel'yanenko V.V. *see* Bailey M.E.
Eracleous M. *see* Billington I.
Ergma E., Sarna M.J., An evolutionary scenario for short-period millisecond binary pulsars, **280**, 1000
Erickson W.C. *see* McConnell D.
Eriguchi Y. *see* Nishida S.
Eriguchi Y. *see* Uryū K.
Eriguchi Y. *see* Yoshida S.
Errico L. *see* Skopal A.
Espey B.R. *see* Baker A.C.
Estalella R. *see* López R.
Esteban C. *see* Vilchez J.M.
Evans A. *see* Naylor T.
Evans A. *see* Skopal A.
Evans A., Geballe T.R., Rawlings J.M.C., Scott A.D., Infrared spectroscopy of Nova Cassiopeiae 1993 - I. The pre-dust phase, **282**, 1049
Evans N.W. *see* de Zeeuw P.T.
Evans N.W., The nature of the Galactic dark matter, **278**, L5
Eyles S.P.S. *see* Skopal A.
Eyles S.P.S., Davis R.J., Bode M.F., Nova Cygni 1992 (V1974 Cygni): MERLIN observations from 1992 to 1994, **279**, 249
Fabbiano G. *see* Sansom A.E.
Fabian A.C. *see* Allen S.W.
Fabian A.C. *see* Brandt W.N.
Fabian A.C. *see* Crawford C.S.
Fabian A.C. *see* Iwasawa K.
Fabian A.C. *see* Matt G.
Fabian A.C. *see* Reynolds C.S.
Fabian A.C. *see* Ross R.R.
Fabian A.C., Cutri R.M., Smith H.E., Crawford C.S., Brandt W.N.,

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- Fabian A.C., Terlevich R., X-ray detection of Supernova 1988Z with the *ROSAT* High Resolution Imager, **280**, L5
- Fabregat J. *see* Coe M.J.
- Fadeyev Yu.A., Lynas-Gray A.E., Non-linear radial pulsation models for extreme helium stars: application to V652 Her (BD + 13°3224), **280**, 427
- Falle S.A.E.G., Komissarov S.S., An upwind numerical scheme for relativistic hydrodynamics with a general equation of state, **278**, 586
- Falomo R. *see* Fasano G.
- Falomo R., Host galaxy and close environment of BL Lacertae objects, **283**, 241
- Fasano G., Falomo R., Scarpa R., Optical surface photometry of radio galaxies – I. Observations and data analysis, **282**, 40
- Feast M.W., The pulsation, temperatures and metallicities of Mira and semiregular variables in different stellar systems, **278**, 11
- Federman S.R., Rawlings J.M.C., Taylor S.D., Williams D.A., Synthesis of interstellar CH⁺ without OH, **279**, L41
- Feibelman W.A., Hyung S., Aller L.H., The spectrum of the planetary nebula IC 351, **278**, 625
- Feigelson E.D. *see* Lawson W.A.
- Feil G. *see* Slysh V.I.
- Feiler R. *see* Scheuer P.A.G.
- Felenbok P. *see* Balona L.A.
- Fender R.P. *see* Watson M.G.
- Fender R.P., Bell Burnell S.J., Williams P.M., Webster A.S., Flaring and quiescent infrared behaviour of Cygnus X-3, **283**, 798
- Ferguson H.C. *see* Madau P.
- Ferland G.J. *see* Kingdon J.B.
- Fernández M. *see* Gómez de Castro A.I.
- Ferrara A., Giallongo E., Properties of the Lyman α clouds from non-equilibrium photoionization models, **282**, 1165
- Ferrario L., Bailey J., Wickramasinghe D., The magnetic fields of EF Eridani and BL Hydri, **282**, 218
- Ferraro F.R. *see* Bellazzini M.
- Ferraro F.R. *see* Brocato E.
- Ferraro F.R. *see* Origlia L.
- Ferrini F. *see* Porciani C.
- Fiege J.D., Henriksen R.N., A global model of protostellar bipolar outflow – I, **281**, 1038
- Fiege J.D., Henriksen R.N., A global model of protostellar bipolar outflow – II, **281**, 1055
- Field D. *see* Flower D.R.
- Field D. *see* Humphreys E.M.L.
- Filippenko A.V. *see* Baron E.
- Fink H. *see* Scharrel N.
- Fink H.H. *see* Matt G.
- Fiore F. *see* Matt G.
- Fisher D. *see* Kuijken K.
- Fisher K.B., Nusser A., The non-linear redshift-space power spectrum: Ω from redshift surveys, **279**, L1
- Fishman G.J. *see* Dessenne C.A.-C.
- Fitzsimmons A., Andrews P.J., Catchpole R., Little J.E., Walton N., Williams I.P., Optical imaging of the impact plume on Jupiter from fragment L of comet D/Shoemaker–Levy 9, **278**, 781
- Fitzsimmons A., Cartwright I.M., Optical spectroscopy of comet C/1995 O1 Hale–Bopp, **278**, L37
- Fleming J., Bell K.L., Hibbert A., Vaecck N., Godefroid M.R., Forbidden transitions in B II, C III, O V, Ne VII and Mg IX, **279**, 1289
- Flower D.R., Pineau des Forêts G., Field D., May P.W., The structure of MHD shocks in molecular outflows: grain sputtering and SiO formation, **280**, 447
- Flynn C., Sommer-Larsen J., Christensen P.R., Kinematics of the outer stellar halo, **281**, 1027
- Foing B.H. *see* Balona L.A.
- Foley N.B. *see* Scarrott S.M.
- Folkes S.R., Lahav O., Maddox S.J., An artificial neural network approach to the classification of galaxy spectra, **283**, 651
- Foltz C.B. *see* Scharrel N.
- Fong R. *see* Doroshkevich A.G.
- Fong R. *see* Ratcliffe A.
- Fong R. *see* Roche N.
- Fontana A., Cristiani S., D’Odorico S., Giallongo E., Savaglio S., The optical identification of a primeval galaxy at $z \geq 4.4$, **279**, L27
- Forbes D.A. *see* Simpson C.
- Fosbury R.A.E. *see* di Serego Alighieri S.
- Fosbury R.A.E. *see* Siebert J.
- Fossey S.J. *see* Kerr T.H.
- Foster V.J. *see* Keenan F.P.
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- Fox G.K., Griscom L., The polarimetric variability of 32 Cyg during its 1993 October eclipse, **278**, 975
- Frail D.A. *see* Kassim N.E.
- Franceschini A. *see* Andreani P.
- Francis N. *see* Whitworth A.P.
- Franco J. *see* Cid-Fernandes R.
- Franco J. *see* Silich S.A.
- Frank A. *see* Cliffe J.A.
- Franx M. *see* Jørgensen I.
- Franx M. *see* van Dokkum P.G.
- Freeman K.C. *see* Alcock C.
- Frémat Y., Houziaux L., Andrillat Y., Higher Paschen lines in the spectra of early-type stars, **279**, 25
- Frenk C.S. *see* Baugh C.M.
- Frenk C.S. *see* Eke V.R.
- Frenk C.S. *see* Gardner J.P.
- Frenk C.S. *see* Navarro J.F.
- Frenk C.S. *see* Wilson G.
- Freudling W. *see* Prieto M.A.
- Friaça A.C.S. *see* Jafelice L.C.
- Fricke K.J. *see* Kiriakidis M.
- Fruchter A. *see* Madau P.
- Fruch M. *see* Netzer H.
- Fruscione A. *see* Griffiths R.E.
- Fuchs B., The fragmentation of uniformly rotating self-gravitating discs, **278**, 985
- Fujimoto R. *see* Hellier C.
- Fujiyoshi T. *see* Quinn D.E.
- Fullana M.J., Arnau J.V., Sáez D., On the microwave background anisotropy produced by big voids in open universes, **280**, 1181
- Furuzawa A. *see* Allen S.W.
- Fusi Pecci F. *see* Bellazzini M.
- Fusi Pecci F. *see* Origlia L.
- Gabuzda D.C. *see* Cawthorne T.V.
- Gabuzda D.C., Cawthorne T.V., The parsec-scale polarization structure of nine BL Lacertae objects at $\lambda = 3.6$ cm, **283**, 759
- Gaensler B.M. *see* Johnston S.
- Gallimore J.F. *see* Muxlow T.W.B.
- García Vargas M.L. *see* Terlevich E.
- Gardiner L.T., Noguchi M., *N*-body simulations of the Small Magellanic Cloud and the Magellanic Stream, **278**, 191
- Gardner J.P. *see* Baugh C.M.
- Gardner J.P., *K*-band photometry of spectroscopic redshift survey objects, **279**, 1157
- Gardner J.P., Sharples R.M., Carrasco B.E., Frenk C.S., A wide-field *K*-band survey – I. Galaxy counts in *B*, *V*, *I* and *K*, **282**, L1
- Garlick M.A., Rotational disturbance in the intermediate polar BG Canis Minoris, **279**, 1101
- Garlick M.A., Simulating the emission line radial velocity modulation in discless intermediate polars, **279**, 940
- Garrett M.A., Porcas R.W., Nair S., Patnaik A.R., Wide-field EVN observations of the gravitational lens system 2016 + 112, **279**, L7
- Garrido R., Rodríguez E., Microvariability in high-amplitude δ Scuti radially pulsating stars, **281**, 696
- Garrington S.T. *see* Akujor C.E.
- Garrington S.T. *see* Rawlings S.
- Gaylard M.J. *see* MacLeod G.C.
- Gaylard M.J. *see* van der Walt D.J.
- Gaztañaga E. *see* Baugh C.M.
- Geballe T.R. *see* Evans A.
- Geballe T.R. *see* Meikle W.P.S.
- Geballe T.R. *see* Roche P.F.
- Geballe T.R. *see* Williams P.M.
- Gehrels N. *see* Dessenne C.A.-C.
- Geiger B., Schneider P., The light-curve reconstruction method for measuring the time delay of gravitational lens systems, **282**, 530
- Geoghegan M. *see* Williams T.L.
- Georgakakis A. *see* Mobasher B.
- Georgantopoulos I. *see* Almaini O.
- Georgantopoulos I. *see* Griffiths R.E.
- Georgantopoulos I. *see* Roche N.

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- George I.M. *see* Gondek D.
- Geppert U. *see* Urpin V.
- Gerber R.A., Lamb S.A., Balsara D.S., A stellar and gas dynamical numerical model of ring galaxies, **278**, 345
- Gerhard O. *see* Binney J.
- Gerhard O., Binney J., On the deprojection of axisymmetric bodies, **279**, 993
- Gheller C., Moscardini L., Pantano O., Collisional versus collisionless matter: a one-dimensional analysis of gravitational clustering, **283**, 1184
- Ghisellini G. *see* Gliozzi M.
- Ghisellini G., Madau P., On the origin of the γ -ray emission in blazars, **280**, 67
- Ghosh K.K. *see* Balona L.A.
- Giallongo E. *see* Ferrara A.
- Giallongo E. *see* Fontana A.
- Giavalisco M. *see* Madau P.
- Gibson B.K., The case against bimodal star formation in elliptical galaxies, **278**, 829
- Giersz M. *see* Spurzem R.
- Giersz M., Heggie D.C., Statistics of N -body simulations – III. Unequal masses, **279**, 1037
- Gil J., Krawczyk A., Pulsar beams – conal not patchy, **280**, 143
- Gilmore A.C. *see* Pollard K.R.
- Gilmore G. *see* Bryn Jones J.
- Gilmore G. *see* Hargreaves J.C.
- Gilmore G. *see* Santiago B.X.
- Gilmore G. *see* Unavane M.
- Gilmore G.F. *see* Santiago B.X.
- Gioia I.M. *see* Bower R.G.
- Giommi P. *see* Padovani P.
- Glatzel W. *see* Kiriakidis M.
- Glatzel W., Mehren S., Non-radial pulsations and stability of massive stars, **282**, 1470
- Glatzel W., Mehren S., Strange-mode instabilities in accretion discs, **283**, 339
- Glazebrook K. *see* Abraham R.G.
- Glazebrook K. *see* Ellis R.S.
- Gledhill T.M. *see* Chrysostomou A.
- Gledhill T.M. *see* Scarrott S.M.
- Gledhill T.M., Chrysostomou A., Hough J.H., Linear and circular imaging polarimetry of the Chamaeleon infrared nebula, **282**, 1418
- Gliozzi M., Bodo G., Ghisellini G., Trussani E., On the cyclotron cross-section, **280**, 1094
- Godefroid M.R. *see* Fleming J.
- Godon P., Accretion disc boundary layers around pre-main-sequence stars, **279**, 1071
- Godon P., Non-reflective boundary conditions and the viscous instability in accretion discs, **282**, 1107
- Goldberg E. *see* Loeb A.J.
- Golev V., Yankulova I., Bonev T., Narrow-band imaging of the circumnuclear emission-line region of M81, **280**, 29
- Gómez de Castro A.I., Fernández M., Ultraviolet spectroscopy of the hotspot in the classical T Tauri star DI Cep: observational indications of magnetically channelled accretion, **283**, 55
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- Gondhalekar P.M., Rouillon-Foley C., Kellett B.J., A paradigm revisited: the accretion disc in AGNs and quasars, **282**, 117
- González Delgado R.M., Pérez E., A spectrophotometric study of the Seyfert 1 galaxy NGC 4253, **278**, 737
- González Delgado R.M., Pérez E., The circumnuclear region in the Seyfert 2 galaxy NGC 5953, **281**, 781
- González Delgado R.M., Pérez E., The emission-line knot in the Seyfert 2 galaxy NGC 5347, **280**, 53
- González Delgado R.M., Pérez E., The spatially extended LINERS NGC 4579 and 6500, **281**, 1105
- González G. *see* Wallerstein G.
- González G., Wallerstein G., ST Pup: a binary Type II Cepheid with a peculiar chemical composition, **280**, 515
- González-Delgado R.M. *see* Terlevich E.
- González-Serrano I. *see* Page M.J.
- Gopal-Krishna *see* Sagar R.
- Górski K.M. *see* Banday A.J.
- Gorti U., Bhatt H.C., Dynamics of embedded protostar clusters in clouds, **278**, 611
- Gorti U., Bhatt H.C., Orbital decay of protostellar binaries in molecular clouds, **283**, 566
- Goss W.M. *see* Cram L.E.
- Goss W.M. *see* Davis R.J.
- Goss W.M. *see* Subrahmanyan R.
- Gott J.R., III *see* Colley W.N.
- Gottlöber S. *see* Weiß A.G.
- Gough D.O. *see* Balmforth N.J.
- Gouffes C. *see* Turatto M.
- Gozzoli E., Tosi M., Marconi G., Bragaglia A., CCD photometry of the old open cluster Collinder 261, **283**, 66
- Graham M.J., Clowes R.G., Campusano L.E., A quasar with ultrastrong, ultraviolet Fe II emission, **279**, 1349
- Graham-Smith F., Dolan J.F., Boyd P.T., Biggs J.D., Lyne A.G., Percival J.W., The ultraviolet polarization of the Crab pulsar, **282**, 1354
- Grainge K., Jones M., Pooley G., Saunders R., Baker J., Haynes T., Edge A., A resolved image of the Sunyaev–Zel'dovich effect in Abell 1413, **278**, L17
- Grandi P. *see* Matt G.
- Gray A.D. *see* Cram L.E.
- Gray M.D. *see* Humphreys E.M.L.
- Greaves J.S. *see* Ward-Thompson D.
- Greaves J.S., Church S.E., Photodissociation and the CN: HCN ratio: observations of a 'Third Bar' in OMC1, **283**, 1179
- Greaves J.S., High gas densities in OMC1-North protostar candidates, **280**, 1293
- Green D.A. *see* Dessenne C.A.-C.
- Green P.J. *see* Schartel N.
- Green R.F. *see* Kulkarni V.P.
- Green S.M., Rowan-Robinson M., Radiative transfer models for IRAS F10214 + 4724, **279**, 884
- Griest K. *see* Alcock C.
- Griffiths R.E. *see* Almaini O.
- Griffiths R.E. *see* Georgantopoulos I.
- Griffiths R.E. *see* Owens E.A.
- Griffiths R.E. *see* Roche N.
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- Griffiths R.E., Della Ceca R., Georgantopoulos I., Boyle B.J., Stewart G.C., Shanks T., Fruscione A., A Deep *ROSAT* Survey – X. X-ray-luminous narrow-emission-line galaxies, **281**, 71
- Griscom L. *see* Fox G.K.
- Groenewegen M.A.T. *see* Oudmaier R.D.
- Groenewegen M.A.T., Whitelock P.A., A revised period–luminosity relation for carbon Miras, **281**, 1347
- Grossman S.A., A theory of non-local mixing-length convection – III. Comparing theory and numerical experiment, **279**, 305
- Grossman S.A., Taam R.E., Double-diffusive mixing-length theory, semiconvection and massive star evolution, **283**, 1165
- Grothues H.-G., Schmidt-Kaler T., The dust tail of Comet 1P/Halley after its perihelion in 1986 and the rotation of the nucleus, **282**, 547
- Gruber D.E. *see* Gondek D.
- Guarnieri A. *see* Scappini F.
- Guern J. *see* Alcock C.
- Guglielmo F. *see* Zijlstra A.A.
- Guichard J. *see* Brazier K.T.S.
- Gunn K.F., Thomas P.A., The Baryon Catastrophe and the multiphase intracluster medium, **281**, 1133
- Gutiérrez C.M. *see* Davies R.D.
- Hacking P. *see* Oliver S.J.
- Haehnelt M.G., Rauch M., Steinmetz M., Non-equilibrium effects on line-of-sight size estimates of QSO absorption systems, **283**, 1055
- Haehnelt M.G., Tegmark M., Using the kinematic Sunyaev–Zeldovich effect to determine the peculiar velocities of clusters of galaxies, **279**, 545
- Hahn G. *see* Bailey M.E.
- Hall S.M., Clarke C.J., Pringle J.E., Energetics of star–disc encounters in the non-linear regime, **278**, 303
- Halpern J.P. *see* Brandt W.N.
- Hambly N.C. *see* Kemp S.N.
- Hambly N.C. *see* Ryans R.S.I.

- Hambly N.C., Dufton P.L., Keenan F.P., Lumsden S.L., On the nature of the high-latitude B-type star CPD-61°455, **278**, 811
- Hamilton A.J.S. *see* Taylor A.N.
- Hamilton A.J.S., Culhane M., Spherical redshift distortions, **278**, 73
- Hammer F. *see* Schade D.
- Hammer F. *see* Tresse L.
- Han M. *see* Netzer H.
- Han Z. *see* Tout C.A.
- Hancock S. *see* Davies R.D.
- Hankins T.H., Ekers R.D., O'Sullivan J.D., A search for lunar radio Cerenkov emission from high-energy neutrinos, **283**, 1027
- Hardcastle M.J., Alexander P., Pooley G.G., Riley J.M., The jets in 3C 66B, **278**, 273
- Hardy E. *see* Drinkwater M.J.
- Hargreaves J.C., Gilmore G., Annan J.D., The influence of binary stars on dwarf spheroidal galaxy kinematics, **279**, 108
- Hargreaves J.C., Gilmore G., Irwin M.J., Carter D., A dynamical study of the Draco dwarf spheroidal galaxy, **282**, 305
- Harlaftis E.T. *see* Casares J.
- Harries T.J. *see* Hilditch R.W.
- Harris N.W. *see* Bailey M.E.
- Harris W.E. *see* Bridges T.J.
- Harrison P.A. *see* Manchester R.N.
- Harrop-Allin M.K. *see* Howell S.B.
- Harrop-Allin M.K., Warner B., Accretion disc radii in eclipsing cataclysmic variables, **279**, 219
- Hartquist T.W. *see* Williams D.A.
- Hasinger G. *see* Bower R.G.
- Hasinger G. *see* Page M.J.
- Hasinger G. *see* Puchnarewicz E.M.
- Hassall B.J.M. *see* Shahbaz T.
- Hauschildt P.H. *see* Baron E.
- Hauschildt P.H. *see* Jones H.R.A.
- Hauschildt P.H. *see* Schweitzer A.
- Hawkins M.R.S., Dark matter from quasar microlensing, **278**, 787
- Hawkins M.R.S., Shaver P.A., Clements D., van der Werf P., Two variable quasars at $z > 4$, **280**, L1
- Hawkins M.R.S., Véron P., The space density of quasars at $z > 4$, **281**, 348
- Hayashida K. *see* Iwasawa K.
- Haynes R.F. *see* Duncan A.R.
- Haynes R.F. *see* Lloyd B.D.
- Haynes T. *see* Grainge K.
- Hazard C. *see* Hook I.M.
- Hearnshaw J.B. *see* Balona L.A.
- Heavens A.F. *see* Ballinger W.E.
- Heavens A.F. *see* Loke H.Y.
- Hegedüs T. *see* Vinkó J.
- Heggie D.C. *see* Giersz M.
- Heggie D.C., Rasio F.A., The effect of encounters on the eccentricity of binaries in clusters, **282**, 1064
- Hegmann M., Kegel W.H., Radiative transfer in clumpy molecular clouds: a first basic model for the C I-C II transition in a photodissociation region, **283**, 167
- Heisler C.A., De Robertis M.M., Nadeau D., Near-infrared surface photometry of 'Sixty Micron Peaker' galaxies, **280**, 579
- Heller A. *see* Netzer H.
- Hellier C. *see* Allan A.
- Hellier C., Mukai K., Ishida M., Fujimoto R., The X-ray spectrum of the intermediate polar AO Piscium, **280**, 877
- Hendry M.A. *see* Chamcham K.
- Hendry P.D. *see* Vinkó J.
- Henriksen R.N. *see* Fiege J.D.
- Henry J.P. *see* Bower R.G.
- Henry R.B.C. *see* Thurston T.R.
- Henry R.B.C., Balkowski C., Cayatte V., Edmunds M.G., Pagel B.E.J., The effects of cluster environment on the chemical evolution of galaxies - III. NGC 753, **283**, 635
- Herd C.R. *see* Williams T.L.
- Hermit S., Santiago B.X., Lahav O., Strauss M.A., Davis M., Dressler A., Huchra J.P., The two-point correlation function and morphological segregation in the Optical Redshift Survey, **283**, 709
- Hewett P.C. *see* Scharrel N.
- Hewett P.C. *see* Warren S.J.
- Hewish A., Problems with the superluminal pulsar model, **280**, L27
- Heyl J. *see* Ellis R.S.
- Hibbert A. *see* Fleming J.
- Hibbins R.E. *see* Kerr T.H.
- Higdon J.L. *see* Netzer H.
- Hilditch R.W. *see* Allan A.
- Hilditch R.W. *see* Rucinski S.M.
- Hilditch R.W., Harries T.J., Hill G., On the reflection effect in three sdOB binary stars, **279**, 1380
- Hill G. *see* Hilditch R.W.
- Hill G.M., Blake C.C., Is HR 1094 an Ap star?, **278**, 183
- Hirte S. *see* Scholz R.-D.
- Hoare M.G. *see* Roche P.F.
- Hoare M.G., Drake J.J., Werner K., Dreizler S., The extreme-ultraviolet spectrum of the central star of the planetary nebula NGC 1360, **283**, 830
- Hobson M.P., Maguiejo J., Observability of secondary Doppler peaks in the cosmic microwave background radiation power spectrum by experiments with small fields, **283**, 1133
- Hodgkin S.T. *see* McGale P.A.
- Hoffman G.L. *see* Brosch N.
- Holberg J.B. *see* Barstow M.A.
- Holland W.S. *see* Ward-Thompson D.
- Holloway A.J. *see* Kukula M.J.
- Holloway A.J. *see* Meaburn J.
- Holloway A.J. *see* Muxlow T.W.B.
- Holloway A.J. *see* Steffen W.
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- Homer L., Charles P.A., Naylor T., van Paradijs J., Aurière M., Koch-Miramond L., Periodic UV modulation of X1850-087: a double degenerate binary in the globular cluster NGC 6712?, **282**, L37
- Honeycutt R.K. *see* Ringwald F.A.
- Hook I.M., McMahon R.G., Irwin M.J., Hazard C., A survey for high-redshift radio-loud quasars: optical spectroscopy of $S > 0.2$ Jy, flat-spectrum radio sources, **282**, 1274
- Hopkins J. *see* Davies R.D.
- Horne K. *see* Allan A.
- Horne K. *see* Baptista R.
- Horne K. *see* Billington I.
- Horne K. *see* Steeghs D.
- Horne K. *see* Ulrich M.-H.
- Horvath J.E., Possible determination of isolated pulsar masses with gravitational microlensing, **278**, L46
- Hough J.H. *see* Chrysostomou A.
- Hough J.H. *see* Corbett E.A.
- Hough J.H. *see* Gledhill T.M.
- Hough J.H. *see* Packham C.
- Hough J.H. *see* Young S.
- Houziaux L. *see* Frémat Y.
- Howe D.A., Millar T.J., Chemistry in anisotropic asymptotic giant branch winds, **282**, L21
- Howe D.A., Taylor S.D., Williams D.A., The chemistry of core collapse in TMC1, **279**, 143
- Howe R. *see* Chaplin W.J.
- Howe R., Thompson M.J., On the use of the error correlation function in helioseismic inversions, **281**, 1385
- Howell S.B. *see* Sproats L.N.
- Howell S.B., Reyes A.L., Ashley R., Harrop-Allin M.K., Warner B., Photometric superoutburst observations of the short-period dwarf nova TV Corvi, **282**, 623
- Hoyland R.J. *see* Davies R.D.
- Hric L. *see* Skopal A.
- Huan Lin *see* Doroshkevich A.G.
- Huang K. *see* Kulkarni V.P.
- Hubeny I. *see* Barstow M.A.
- Huchra J.P. *see* Bower R.G.
- Huchra J.P. *see* Ebeling H.
- Huchra J.P. *see* Hermit S.
- Huenemoerder D.P. *see* Lawson W.A.
- Hughes D.H. *see* Taylor G.L.
- Hughes K.A. *see* Bailey M.E.
- Humphreys E.M.L., Gray M.D., Yates J.A., Field D., Bowen G., Diamond P.J., SiO masers in Mira variables at a single stellar phase, **282**, 1359
- Hunstead R.W. *see* Subrahmanyan R.
- Hwang U. *see* Reynolds C.S.

- Hyung S. *see* Feibelman W.A.
 Hyung S. *see* Keenan F.P.
 Hyung S., Aller L.H., The optical spectrum of the young planetary nebula Hubble 12, **278**, 551
- Idan I., Shaviv G., The continuum radiation from accretion discs and the boundary layer, **281**, 604
 Idan I., Shaviv G., Winds from accretion discs, **281**, 615
 Igumenshchev I.V., Xingming Chen, Abramowicz M.A., Accretion discs around black holes: two-dimensional, advection-cooled flows, **278**, 236
 Iijima T., On the recent mysterious spectral variations of the post-asymptotic giant branch star FG Sagittae, **283**, 141
 Im M. *see* Griffiths R.E.
 Im M. *see* Roche N.
 Impey C.D. *see* Marchä M.J.M.
 Inoue H. *see* Brandt W.N.
 Inoue H. *see* Iwasawa K.
 Iovina A. *see* Warren S.J.
 Iovino A. *see* Saracco P.
 Irwin M.J. *see* Carswell R.F.
 Irwin M.J. *see* Hargreaves J.C.
 Irwin M.J. *see* Hook I.M.
 Irwin M.J. *see* Lewis G.F.
 Irwin M.J. *see* Scholz R.-D.
 Irwin M.J. *see* Storrie-Lombardi L.J.
 Isaak G.R. *see* Chaplin W.J.
 Ishida M. *see* Hellier C.
 Israelian G., de Groot M., Parker J.Wm., Sterken C., The variable mass loss of the peculiar supergiant P Cygni, **283**, 119
 Istomin Ya.N., Pariev V.I., Stability of a relativistic rotating electron-positron jet: non-axisymmetric perturbations, **281**, 1
 Ivanova N.S. *see* Orlov V.V.
 Ivezić Ž., Elitzur M., Dust emission from IRC + 10216, **279**, 1019
 Ivezić Ž., Elitzur M., Infrared imaging of late-type stars, **279**, 1011
 Ivison R.J. *see* Skopal A.
 Ivison R.J., Papadopoulos P., Scaquist E.R., Eales S.A., A search for molecular gas in a high-redshift radio galaxy, **278**, 669
 Iwasawa K. *see* Brandt W.N.
 Iwasawa K., Fabian A.C., Mushotzky R.F., Brandt W.N., Awaki H., Kunieda H., The broad iron K emission line in the Seyfert 2 galaxy IRAS 18325-5926, **279**, 837
 Iwasawa K., Fabian A.C., Reynolds C.S., Nandra K., Otani C., Inoue H., Hayashida K., Brandt W.N., Dotani T., Kunieda H., Matsuoka M., Tanaka Y., The variable iron K emission line in MCG-6-30-15, **282**, 1038
- Jackson J.C., Dodgson M., On universes with outsides and the angular-size/redshift diagram for milliarcsecond radio-sources, **278**, 603
 Jackson N. *see* Saikia D.J.
 Jafelice L.C., Friaça A.C.S., The role of magnetic reconnection in emission-line filaments in cooling flows, **280**, 438
 James D.J. *see* Jeffries R.D.
 James J.F., A radial velocity spectrograph for zodiacal light, **280**, 1055
 James P.A. *see* Mobasher B.
 James S.D. *see* Balona L.A.
 Janot-Pacheco E. *see* Balona L.A.
 Jauncey D.L. *see* Slysh V.I.
 Jeffries R.D. *see* Corbett E.A.
 Jeffries R.D. *see* Manning R.A.
 Jeffries R.D., Buckley D.A.H., James D.J., Stauffer J.R., 2RE J0241-525: a nearby post-T Tauri visual binary system, **281**, 1001
 Jeffries R.D., Stevens I.R., Wind-accretion induced rapid rotation and a new class of active star, **279**, 180
 Jenkins C.R. *see* Meikle W.P.S.
 Jenkins C.R. *see* Wilson R.W.
 Jerzykiewicz M., Pigulski A., An explanation of the long-term behaviour of the pulsation amplitudes of the β Cephei star 16 (EN) Lacertae, **282**, 853
 Jimenez R., MacDonald J., Stellar evolutionary tracks for low-mass stars, **283**, 721
 Jimenez R., Thejll P., Jørgensen U.G., MacDonald J., Pagel B., Ages of globular clusters: a new approach, **282**, 926
 Jing Y.P. *see* Mo H.J.
 Jing Y.P., Börner G., The velocity dispersion profiles of clusters of galaxies: a cosmological test and the sampling effect, **278**, 321
- Jog C.J., Local stability criterion for stars and gas in a galactic disc, **278**, 209
 John T.L., Continuous opacity from Ne^+ , **279**, 859
 Johnson W.N. *see* Gondek D.
 Johnson W.N. *see* Zdziarski A.A.
 Johnston S. *see* Lorimer D.R.
 Johnston S. *see* Manchester R.N.
 Johnston S., Koribalski B., Weisberg J.M., Wilson W., H I line measurements of pulsars towards the Gum nebula and the Carina arm, **279**, 661
 Johnston S., Manchester R.N., Lyne A.G., D'Amico N., Bailes M., Gaensler B.M., Nicastro L., Radio observations of PSR B1259-63 around periastron, **279**, 1026
 Joly M. *see* Serote-Roos M.
 Jones D.H.P. *see* Smith K.W.
 Jones H., Davies J.I., Trewheella M., The distribution of galactic inclinations – a clue to opacity?, **283**, 316
 Jones H.R.A., Longmore A.J., Allard F., Hauschildt P.H., Spectral analysis of M dwarfs, **280**, 77
 Jones J. *see* Beech M.
 Jones K.L. *see* Duncan A.R.
 Jones K.L., Brown A., Stewart R.T., Slee O.B., Extended multi-frequency observations of radio emission from the RS CVn binary HR 1099, **283**, 1331
 Jones L.R. *see* Mason K.O.
 Jones L.R. *see* Romero-Colmenero E.
 Jones M. *see* Grainge K.
 Jones P.A. *see* Lloyd B.D.
 Jones P.A., McAdam W.B., The head-tail and wide-angle-tail radio galaxies in cluster A3627, **282**, 137
 Jones T.W. *see* Cliffe J.A.
 Jørgensen I., Franx M., Kjærgaard P., The Fundamental Plane for cluster E and S0 galaxies, **280**, 167
 Jørgensen U.G. *see* Jimenez R.
 Jorissen A. *see* Theuns T.
 Joseph R.D. *see* Collins C.A.
 Ju L. *see* Blair D.
 Jull A.J.T. *see* Bland P.A.
 Junor W. *see* Saikia D.J.
 Juvela M., Lehtinen K., Paatero P., The use of Positive Matrix Factorization in the analysis of molecular line spectra, **280**, 616
- Kaluzny J. *see* Rucinski S.M.
 Kameswara Rao N. *see* Pandey G.
 Kanbach G. *see* Brazier K.T.S.
 Kanevsky B.Z. *see* Slysh V.I.
 Kaspi V.M. *see* Lyne A.G.
 Kassim N.E., Frail D.A., A new supernova remnant over the Galactic Centre, **283**, L51
 Kastner S.O., Bhatia A.K., The Bowen fluorescence lines: overview and re-analysis of the observations, **279**, 1137
 Katgert P. *see* den Hartog R.
 Katz N. *see* Quinn T.
 Kauffmann G., Charlot S., White S.D.M., Detection of strong evolution in the population of early-type galaxies, **283**, L117
 Kauffmann G., Disc galaxies at $z = 0$ and at high redshift: an explanation of the observed evolution of damped Ly α absorption systems, **281**, 475
 Kauffmann G., The age of elliptical galaxies and bulges in a merger model, **281**, 487
 Kebede L.W., Neutron star magnetic field dynamics and its evolution, **282**, 845
 Keenan F.P. *see* Hamblly N.C.
 Keenan F.P. *see* Ryans R.S.I.
 Keenan F.P., Aller L.H., Bell K.L., Hyung S., McKenna F.C., Ramsbottom C.A., Auroral and nebular emission lines of [S II] in the optical spectra of planetary nebulae, **281**, 1073
 Keenan F.P., Thomas R.J., Neupert W.M., Foster V.J., Brown P.J.F., Tayal S.S., Fe XII emission lines in spectra obtained with the *Solar EUV Rocket Telescope and Spectrograph* (SERTS), **278**, 773
 Kegel W.H. *see* Hegmann M.
 Kegel W.H. *see* Levshakov S.A.
 Kellermann K.I. *see* Shaver P.A.
 Kellett B.J. *see* Gondhalekar P.M.
 Kelly M.L., Macdonald G.H., Millar T.J., Chemical evolution in the circumstellar structure of B5 IRS1, **279**, 1210

- Kelly M.L., Macdonald G.H., Two new young stellar objects with bipolar outflows in L379, **282**, 401
- Kemp S.N. *see* Lyons M.A.
- Kemp S.N., Bates B., Hambly N.C., Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud, **283**, 1089
- Kenny H.T. *see* Skopal A.
- Kerber F., Lercher G., Roth M., IRAS 06562-0337: the Iron-clad Nebula, **283**, L41
- Kernan P.J. *see* Chaboyer B.
- Kerr T.H., Hibbins R.E., Miles J.R., Fossey S.J., Somerville W.B., Sarre P.J., Molecular rotational contour fitting of ultra-high-resolution profiles of diffuse interstellar bands, **283**, L105
- Ketsaris N.A. *see* Pavlenko E.P.
- Khare P. *see* Srikanth R.
- Kilkenny D. *see* O'Donoghue D.
- Kilkenny D., Lynas-Gray A.E., Roberts G., On the ephemeris of the pulsating hydrogen-deficient star V652 Her, **283**, 1349
- Killeen N.E.B., Staveley-Smith L., Wilson W.E., Sault R.J., OH Zeeman measurements of the magnetic fields in four megamaser galaxies, **280**, 1143
- Kilmartin P.M. *see* Pollard K.R.
- King A.R. *see* Burderi L.
- King D.L. *see* Cumming R.J.
- King L.J., Browne I.W.A., Biases, selection effects and image multiplicities in the Jodrell Bank-VLA gravitational lens survey, **282**, 67
- Kingdon J.B., Ferland G.J., Theoretical He I line intensities in gaseous nebulae: NGC 1976, 6572 and IC 4997, **282**, 723
- Kiriakidis M., Glatzel W., Fricke K.J., The stability of Wolf-Rayet stars, **281**, 406
- Kirshner R.P. *see* Baron E.
- Kirshner R.P. *see* Doroshkevich A.G.
- Kitayama T., Suto Y., Formation rate of gravitational structures and the cosmic X-ray background radiation, **280**, 638
- Kjærgaard P. *see* Jørgensen I.
- Kjeldsen H. *see* Bedding T.R.
- Klapp J. *see* Sigalotti L. Di G.
- Klessen R., Burkert A., Constraints on massive black holes as dark matter candidates using Galactic globular clusters, **280**, 735
- Kley W., Maclaurin discs and bifurcations to rings, **282**, 234
- Klochova V.G. *see* Začs L.
- Knapen J.H. *see* Meikle W.P.S.
- Knapen J.H., Beckman J.E., Global morphology and physical relations between the stars, gas and dust in the disc and arms of M100, **283**, 251
- Kneib J.-P. *see* Ebbels T.M.D.
- Kneib J.-P. *see* Natarajan P.
- Kneib J.P. *see* Allen S.W.
- Knigge C., Drew J.E., Eclipses of accretion disc winds in cataclysmic variables: an atlas of theoretical C IV line profiles and line flux light curves, **281**, 1352
- Knobloch E., Landsberg A.S., A new model of the solar cycle, **278**, 294
- Koch-Miramond L. *see* Homer L.
- Koch-Miramond L. *see* Naylor T.
- Kochanek C.S., Rybicki G.B., Deprojection of axially symmetric objects, **280**, 1257
- Kocharovsky V.I. *see* Belyanin A.A.
- Kocharovsky V.V. *see* Belyanin A.A.
- Koen C. *see* Kurtz D.W.
- Koen C. *see* O'Donoghue D.
- Koen C., Menzies J., More on noise-induced bias in magnitude determinations, **283**, 222
- Koen C., The analysis of indexed astronomical time series - IV. Modelling period changes in sparsely observed variables, **283**, 471
- Kokkotas K.D. *see* Andersson N.
- Kolb U. *see* Stehle R.
- Kolb U., Stehle R., The age of cataclysmic variables, **282**, 1454
- Kolev D. *see* Tomov T.
- Kolokotronis V., Plionis M., Coles P., Borgani S., Moscardini L., Sampling effects on cosmological dipoles, **280**, 186
- Komberg B.V., Kravtsov A.V., Lukash V.N., The search for and investigation of large quasar groups, **282**, 713
- Komissarov S.S. *see* Bowman M.
- Komissarov S.S. *see* Falle S.A.E.G.
- Komzik R. *see* Skopal A.
- Königl A., Wardle M., A comment on the stability of magnetic wind-driving accretion discs, **279**, L61
- Koribalski B. *see* Johnston S.
- Kotani T. *see* Brandt W.N.
- Kotilainen J.K. *see* Alonso-Herrero A.
- Kouveliotou C. *see* Dessenne C.A.-C.
- Koyama K. *see* Stevens I.R.
- Kraan-Korteweg R.C. *see* Loan A.J.
- Krauss L.M. *see* Chaboyer B.
- Kravtsov A.V. *see* Komberg B.V.
- Krawczyk A. *see* Gil J.
- Kreidl T.J. *see* Martinez P.
- Krelowski J. *see* Zubko V.G.
- Krisciunas K. *see* Aerts C.
- Krisciunas K. *see* Balona L.A.
- Kritsuk A.G., A homologous recycling model for hot galactic coronae, **280**, 319
- Krzewina L.G., Saslaw W.C., Minimal spanning tree statistics for the analysis of large-scale structure, **278**, 869
- Kubotani H. *see* Matsumoto M.
- Kuijken K., Fisher D., Merrifield M.R., A search for counter-rotating stars in S0 galaxies, **283**, 543
- Kukula M.J. *see* Su B.M.
- Kukula M.J., Holloway A.J., Pedlar A., Meaburn J., Lopez J.A., Axon D.J., Schilizzi R.T., Baum S.A., Unusual radio and optical structures in the Seyfert galaxy Markarian 6, **280**, 1283
- Kulkarni V.P., Huang K., Green R.F., Bechtold J., Welty D.E., York D.G., Pruning the Lyman α forest of Q1331 + 170, **279**, 197
- Kuncic Z., Blackman E.G., Rees M.J., Physical constraints on the sizes of dense clouds in the central magnetospheres of active galactic nuclei, **283**, 1322
- Kunieda H. *see* Iwasawa K.
- Kurtz D.W., Marang F., van Wyk F., Roberts G., The determination of the rotational periods of the rapidly oscillating Ap stars from their mean light variations - V. An improved rotation period for the dipole pulsator HD 6532, **280**, 1
- Kurtz D.W., Martinez P., Koen C., Sullivan D.J., The discovery of a frequency quintuplet and distorted dipole mode in the rapidly oscillating Ap star HD 6532, **281**, 883
- Lacey C. *see* Cole S.
- Lacy M. *see* Rawlings S.
- Lacy M., Rawlings S., Imaging of the field of 4C 41.17 below the Lyman limit, **280**, 888
- Lafaye R. *see* Triay R.
- Lagrange A.-M. *see* Balona L.A.
- Lahav O. *see* Folkes S.R.
- Lahav O. *see* Hermit S.
- Lahav O. *see* Loan A.J.
- Lahav O. *see* Treyer M.A.
- Lahav O., Naim A., Sodré L., Jr, Storrie-Lombardi M.C., Neural computation as a tool for galaxy classification: methods and examples, **283**, 207
- Lamb S.A. *see* Gerber R.A.
- Lambert D.L. *see* Pandey G.
- Landsberg A.S. *see* Knobloch E.
- Landy S.D. *see* Doroshkevich A.G.
- Laney C.D. *see* Balona L.A.
- Lanz T. *see* Barstow M.A.
- Lanza A. *see* Nishida S.
- Lanza A. *see* Sonego S.
- Lanzetta K.M. *see* Carswell R.F.
- Lanzoni B. *see* Ciotti L.
- Larwood J.D., Nelson R.P., Papaloizou J.C.B., Terquem C., The tidally induced warping, precession and truncation of accretion discs in binary systems: three-dimensional simulations, **282**, 597
- Lasenby A.N. *see* Davies R.D.
- Lasota J.-P. *see* Abramowicz M.
- Lawrence A. *see* Clements D.L.
- Lawrence A. *see* Oliver S.J.
- Lawrence A. *see* Rigopoulos D.
- Lawson W.A. *see* Balona L.A.
- Lawson W.A., Feigelson E.D., Huenemoerder D.P., An improved HR diagram for Chamaeleon I pre-main-sequence stars, **280**, 1071
- Layden A.C. *see* Rosen S.R.
- Lázaro C. *see* Casares J.
- Le Borgne J.-F. *see* Ebbels T.M.D.

- Le Fèvre O. *see* Schade D.
 Le Fèvre O. *see* Tresse L.
 Leach C.M., McHardy I.M., *ROSAT* observations of the SIGMA source GRS 1227 + 025 near 3C 273, **278**, 465
 Leahy J.P. *see* Akujor C.E.
 Leahy J.P. *see* Bowman M.
 Leahy J.P. *see* Rawlings S.
 Lehner M.J. *see* Alcock C.
 Lehtinen K. *see* Juvela M.
 Leibundgut B. *see* Spyromilio J.
 Lépine J.R.D. *see* Amaral L.H.
 Lercher G. *see* Kerber F.
 Leung C.M. *see* Nagendra K.N.
 Levine S.E., Aguilar L.A., The Fundamental Plane of elliptical galaxies and the virial theorem, **280**, L13
 Levinson A., On the injection of electrons in oblique shocks, **278**, 1018
 Levshakov S.A., Kegel W.H., Uncertainties in the interpretation of the Lyman alpha forest lines, **278**, 497
 Levshakov S.A., Takahara F., The effect of spatial correlations in a chaotic velocity field on the D/H measurements from QSO absorption spectra, **279**, 651
 Lewin W. *see* Fox D.
 Lewis G.F. *see* Warren S.J.
 Lewis G.F. *see* Williams L.L.R.
 Lewis G.F., Irwin M.J., The statistics of microlensing light curves – II. Temporal analysis, **283**, 225
 Lewis J.R. *see* Meikle W.P.S.
 Liddle A.R. *see* Viana P.T.P.
 Liddle A.R. *see* White M.
 Liddle A.R., Lyth D.H., Roberts D., Viana P.T.P., Open cold dark matter models, **278**, 644
 Liddle A.R., Lyth D.H., Schaefer R.K., Shafi Q., Viana P.T.P., Pursuing parameters for critical-density dark matter models, **281**, 531
 Liddle A.R., Lyth D.H., Viana P.T.P., White M., Cold dark matter models with a cosmological constant, **282**, 281
 Lidman C.E., Peterson B.A., Galaxy counts and the galaxy two-point angular correlation function to $l = 23$, **279**, 1357
 Lilly S.J. *see* Schade D.
 Lilly S.J. *see* Tresse L.
 Lim A.J., A distribution function calculation of the H α profiles of high-velocity shocks – III. Profiles from varying angles of observation, **280**, 115
 Lim A.J., Raga A.C., A distribution function calculation of the H α profiles of high-velocity shocks – II. The broad component neutral precursor, **280**, 103
 Lines R. *see* Chaplin W.J.
 Lisenfeld U., Alexander P., Pooley G.G., Wilding T., Constraints on cosmic ray propagation from radio continuum data of NGC 2146, **281**, 301
 Little J.E. *see* Fitzsimmons A.
 Liu F.K., Polytropic gas spheres: an approximate analytic solution of the Lane-Emden equation, **281**, 1197
 Liu X.-W., Barlow M.J., Physical conditions in the transition regions around the Ring Nebula and NGC 7027, **279**, 511
 Livio M. *see* Alcock C.
 Livio M. *see* Warner B.
 Livio M., Pringle J.E., On the origin of double-peaked emission lines in active galactic nuclei, **278**, L35
 Lloyd B.D., Jones P.A., Haynes R.F., Observations of the radio jets in NGC 5090 (PKS B1318–434), **279**, 1197
 Loan A.J., Maddox S.J., Lahav O., Balcells M., Kraan-Korteweg R.C., Assendorp R., Almozaino E., Brosch N., Goldberg E., Ofek E.O., Optical observations of Dwingeloo 1, a nearby barred spiral galaxy behind the Milky Way, **280**, 537
 Lockley J.J. *see* Somers M.W.
 Loinger F. *see* Netzer H.
 Loke H.Y., Heavens A.F., The correlation between bulk and shell velocities in cosmology, **279**, 1303
 Longair M.S. *see* Best P.N.
 Longair M.S. *see* Blain A.W.
 Longhetti M. *see* Reduzzi L.
 Longmore A.J. *see* Jones H.R.A.
 Longmore A.J. *see* Williams P.M.
 Lonsdale C.J. *see* Oliver S.J.
 Lopez J.A. *see* Kukula M.J.
 López J.A. *see* López R.
 López J.A. *see* Meaburn J.
 López R., Riera A., Raga A.C., Anglada G., López J.A., Noriega-Crespo A., Estalella R., The complex kinematical properties of the HH objects aligned with the HL Tauri and HH 30 outflows, **282**, 470
 Lorimer D.R. *see* Manchester R.N.
 Lorimer D.R. *see* van den Heuvel E.P.J.
 Lorimer D.R., Lyne A.G., Bailes M., Manchester R.N., D'Amico N., Stappers B.W., Johnston S., Camilo F., Discovery of four binary millisecond pulsars, **283**, 1383
 Lou Y.-Q., Compressible fluctuations in an equatorial pulsar wind and a scenario for wisps in the central Crab nebula, **279**, 129
 Lou Y.-Q., Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – I. Analytic analysis, **281**, 750
 Lou Y.-Q., Compressible magnetohydrodynamic waves in stellar atmospheres with radial magnetic fields – II. Numerical solutions and applications, **281**, 761
 Lou Y.-Q., Gravitational collapse in the presence of a finite-amplitude circularly polarized Alfvén wave, **279**, L67
 Loup C. *see* Zijlstra A.A.
 Loveday J., The APM Bright Galaxy Catalogue, **278**, 1025
 Lubow S.H., Pringle J.E., Magnetic reconnection and star formation in molecular clouds, **279**, 1251
 Lucas P.W. *see* Roche P.F.
 Lucas P.W., Roche P.F., Near-infrared observations of L1551-IRS 5 with image sharpening, **280**, 1219
 Lucchin F. *see* Borgani S.
 Lucchin F. *see* Porciani C.
 Lucek S.G. *see* Bell A.R.
 Lucek S.G., Bell A.R., The stability, during formation, of magnetohydrodynamic jets collimated by an azimuthal magnetic field, **281**, 245
 Lucey J.R. *see* Meikle W.P.S.
 Lüdke E. *see* Rawlings S.
 Lukash V.N. *see* Komberg B.V.
 Lumsden S.L. *see* Hamby N.C.
 Lumsden S.L., Puxley P.J., Near-infrared spectroscopy of the ultracompact H II region G45.12 + 0.13, **281**, 493
 Lundgren S.C. *see* Becker W.
 Lundqvist P. *see* Cumming R.J.
 Lynas-Gray A.E. *see* Fadeyev Yu.A.
 Lynas-Gray A.E. *see* Kilkenny D.
 Lynden-Bell D. *see* Eam D.J.D.
 Lynden-Bell D. *see* Pichon C.
 Lynden-Bell D., Magnetic collimation by accretion discs of quasars and stars, **279**, 389
 Lyne A.G. *see* Biggs J.D.
 Lyne A.G. *see* Graham-Smith F.
 Lyne A.G. *see* Johnston S.
 Lyne A.G. *see* Lorimer D.R.
 Lyne A.G. *see* Manchester R.N.
 Lyne A.G. *see* Shemar S.L.
 Lyne A.G., Kaspi V.M., Bailes M., Manchester R.N., Taylor H., Arzoumanian Z., A giant glitch in PSR B1757–24, **281**, L14
 Lyons M.A., Kemp S.N., Bates B., Shaw C.R., Mass motions in the atmospheres of red giants in the globular clusters M55 and M13, **280**, 835
 Lyth D.H. *see* Liddle A.R.
 McAdam W.B. *see* Jones P.A.
 Maccacaro T. *see* Ciliegi P.
 McCain C. *see* Rosen S.R.
 McCall A. *see* Chrysostomou A.
 McClements K.G., Dendy R.O., Drury L.O'C., Duffy P., Excitation of ion cyclotron harmonic waves in cosmic ray shock precursors, **280**, 219
 McConnell D. *see* Saravanan T.P.
 McConnell D., Ables J.G., Bailes M., Erickson W.C., Observations of the millisecond pulsar J0437–4715 at 76 MHz, **280**, 331
 McCoustra M., Williams D.A., Surface features on interstellar ice, **279**, L53
 McCulloch P.M. *see* Ellingsen S.P.
 McCulloch P.M. *see* Saravanan T.P.
 McCulloch P.M. *see* Slysh V.I.
 Macdonald G.H. *see* Kelly M.L.
 MacDonald J. *see* Jimenez R.

- McGale P.A., Pye J.P., Hodgkin S.T., *ROSAT* PSPC X-ray spectral survey of W UMa systems, **280**, 627
- McGaugh S.S. *see* de Blok W.J.G.
- McGaugh S.S., The number, luminosity and mass density of spiral galaxies as a function of surface brightness, **280**, 337
- Machalski J., Brandt W.N., The radio, optical and X-ray properties of the radio source 0927 + 352, **282**, 1305
- McHardy I.M. *see* Leach C.M.
- McHardy I.M. *see* Romero-Colmenero E.
- McHardy I.M. *see* Sakellou I.
- Maciel W.J. *see* Amaral L.H.
- Maciel W.J. *see* Rocha-Pinto H.J.
- MacKay D.D.S., SiO in dense molecular clouds reconsidered, **278**, 62
- McKenna F.C. *see* Keenan F.P.
- McLean B. *see* Bower R.G.
- McLeod C.P. *see* Chaplin W.J.
- MacLeod G.C. *see* van der Walt D.J.
- MacLeod G.C., Gaylard M.J., Variable hydroxyl and methanol masers in G 351.78-0.54, **280**, 868
- McMahon R. *see* Puchnarewicz E.M.
- McMahon R.G. *see* Clements D.L.
- McMahon R.G. *see* Hook I.M.
- McMahon R.G. *see* Oliver S.J.
- McMahon R.G. *see* Page M.J.
- McMahon R.G. *see* Storrie-Lombardi L.J.
- McNaron-Brown K. *see* Gondek D.
- Madau P. *see* Ghisellini G.
- Madau P., Ferguson H.C., Dickinson M.E., Giallisco M., Steidel C.C., Fruchter A., High-redshift galaxies in the *Hubble Deep Field*: colour selection and star formation history to $z \sim 4$, **283**, 1388
- Maddox S. *see* Clements D.L.
- Maddox S.J. *see* Folkes S.R.
- Maddox S.J. *see* Loan A.J.
- Maddox S.J., Efsthathiou G., Sutherland W.J., The APM Galaxy Survey - III. An analysis of systematic errors in the angular correlation function and cosmological implications, **283**, 1227
- Madejski G.M. *see* Sikora M.
- Madsen J., Finite-mass isothermal spheres and the structure of globular clusters, **280**, 1089
- Magdziarz P. *see* Gondek D.
- Magdziarz P. *see* Zdziarski A.A.
- Magueijo J. *see* Hobson M.P.
- Manchester R.N. *see* Johnston S.
- Manchester R.N. *see* Lorimer D.R.
- Manchester R.N. *see* Lyne A.G.
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- Mann R.G., Saunders W., Taylor A.N., The clustering of warm and cool *IRAS* galaxies, **279**, 636
- Manning R.A., Jeffries R.D., Willmore A.P., Are there any isolated old neutron stars in the *ROSAT* Wide Field Camera survey?, **278**, 577
- Mannings V. *see* Sylvester R.J.
- Mao S. *see* Zhao H.
- Marang F. *see* Kurtz D.W.
- Marang F. *see* Menzies J.W.
- Marchã M.J.M., Browne I.W.A., Impey C.D., Smith P.S., Optical spectroscopy and polarization of a new sample of optically bright flat radio spectrum sources, **281**, 425
- Marchã M.J.M., Browne I.W.A., The prediction of the spectral properties of BL Lac samples, **279**, 72
- Marconi G. *see* Gozzoli E.
- Margon B. *see* Fox D.
- Margon B. *see* Scharlet N.
- Marks P.B. *see* Sarna M.J.
- Marsh T.R. *see* Billington I.
- Marsh T.R. *see* Casares J.
- Marsh T.R. *see* Steeghs D.
- Marsh T.R. *see* Watson M.G.
- Marsh T.R., Duck S.R., A detached white dwarf/M dwarf binary with an orbital period of 2.47 h, **278**, 565
- Marshall K.P., Non-LTE model chromospheres of ζ Aurigae stars, **280**, 977
- Marshall K.P., The UV O I triplet and H Lyman β pumping in the ζ Aurigae star HR 6902, **283**, 77
- Marshall S.L. *see* Alcock C.
- Martell P.J. *see* Welsh W.F.
- Martin A.C. *see* Pavlenko E.P.
- Martinez P. *see* Kurtz D.W.
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- Martínez-González E. *see* Cayón L.
- Martínez-Pais I.G. *see* Casares J.
- Martocchia A., Matt G., Iron K α line intensity from accretion discs around rotating black holes, **282**, 153.
- Mashchenko S.Ya. *see* Silich S.A.
- Mason K.O. *see* Page M.J.
- Mason K.O. *see* Puchnarewicz E.M.
- Mason K.O. *see* Ramsay G.
- Mason K.O. *see* Romero-Colmenero E.
- Mason K.O. *see* Sproats L.N.
- Mason K.O., Puchnarewicz E.M., Jones L.R., The origin of the optical emission lines in the narrow-line Seyfert 1 galaxy RE J1034 + 396, **283**, L26
- Massar M. *see* Sonego S.
- Matarrese S. *see* Borgani S.
- Matarrese S. *see* Porciani C.
- Matarrese S., Terranova D., Post-Newtonian cosmological dynamics in Lagrangian coordinates, **283**, 400
- Matsumoto M., Kubotani H., A statistical test for correlation between crater formation rate and mass extinctions, **282**, 1407
- Matsuoka M. *see* Iwasawa K.
- Matsuoka M. *see* Matt G.
- Matt G. *see* Martocchia A.
- Matt G., Brandt W.N., Fabian A.C., The iron K α line complex in Compton-thick Seyfert 2 galaxies, **280**, 823
- Matt G., Fabian A.C., Ross R.R., Iron K fluorescent lines from relativistic, ionized discs, **278**, 1111
- Matt G., Fiore F., Perola G.C., Piro L., Fink H.H., Grandi P., Matsuoka M., Oliva E., Salvati M., A reflection-dominated X-ray spectrum discovered by *ASCA* in the Circinus galaxy, **281**, L69
- Matthews H.E. *see* Oudmaier R.D.
- Matthews P.C. *see* Weiss N.O.
- May P.W. *see* Flower D.R.
- Mazzali P.A. *see* Patat F.
- Mazzali P.A. *see* Turatto M.
- Mazzei P., De Zotti G., Dust in high-redshift radio galaxies and the early evolution of spheroidal galaxies, **279**, 535
- Meaburn J. *see* Holloway A.J.
- Meaburn J. *see* Kukula M.J.
- Meaburn J. *see* Skopal A.
- Meaburn J., Boumis P., Walsh J.R., Steffen W., Holloway A.J., Williams R.J.R., Bryce M., Highly supersonic motions within the outer features of the η Carinae nebula, **282**, 1313
- Meaburn J., Clayton C.A., Bryce M., Walsh J.R., The global motions of the cometary knots in the Helix planetary nebula (NGC 7293), **281**, L57
- Meaburn J., López J.A., Barlow M.J., Drew J.E., The expansion of the outer circumstellar shell of P Cygni, **283**, L69
- Meadows V.S. *see* Meikle W.P.S.
- Meegan C.A. *see* Dessenne C.A.-C.
- Mehren S. *see* Glatzel W.
- Meikle W.P.S., Cumming R.J., Geballe T.R., Lewis J.R., Walton N.A., Balcells M., Cimatti A., Croom S.M., Dhillon V.S., Economou F., Jenkins C.R., Knapen J.H., Lucey J.R., Meadows V.S., Morris P.W., Pérez-Fournon I., Shanks T., Smith L.J., Tanvir N.R., Vellieux S., Vilchez J., Wall J.V., An early-time infrared and optical study of the Type Ia supernovae SN 1994D and 1991T, **281**, 263
- Melatos A., Melrose D.B., Energy transport in a rotation-modulated pulsar wind, **279**, 1168
- Melhuish S.J. *see* Davies R.D.
- Melita M.D., Woolfson M.M., Planetary commensurabilities driven by accretion and dynamical friction, **280**, 854
- Melrose D.B. *see* Melatos A.
- Méndez R.A., Minniti D., De Marchi G., Baker A., Couch W.J., Star counts in the *Hubble Deep Field*: constraining galactic structure models, **283**, 666
- Méndez V., Pavón D., Exact solutions connecting radiation and matter eras using imperfect fluids, **282**, 753
- Mennella V. *see* Zubko V.G.
- Menzies J. *see* Koen C.

- Menzies J.W., Marang F., *UBV(RI)_C* observations of Johnson's standard sequence in IC 4665, **282**, 313
- Merck M. *see* Brazier K.T.S.
- Merrifield M.R. *see* Kuijken K.
- Merrifield M.R. *see* Sakellou I.
- Merryfield W.J. *see* Balmforth N.J.
- Mestel L. *see* Barker D.M.
- Metcalfe N. *see* Roche N.
- Mezzacappa A. *see* Baron E.
- Migenes V. *see* Slysh V.I.
- Miles J.R. *see* Kerr T.H.
- Miley G.K. *see* Röttgering H.J.A.
- Miley G.K. *see* Snellen I.A.G.
- Millar T.J. *see* Howe D.A.
- Millar T.J. *see* Kelly M.L.
- Millar T.J. *see* Rodgers S.D.
- Miller A.S., Coe M.J., Star/galaxy classification using Kohonen self-organizing maps, **279**, 293
- Miller B.A. *see* Chaplin W.J.
- Miller J.C. *see* Zampieri L.
- Miller W. *see* Cid-Fernandes R.
- Milsom J.A., Taam R.E., Variability of black hole accretion discs: effects of local and global inertial-acoustic oscillations, **283**, 919
- Minniti D. *see* Méndez R.A.
- Miranda O.D., Opher R., The creation of large-scale voids by explosions of primordial supernovae, **283**, 912
- Miri M.J., Magnetic and spin evolution of pulsars, **283**, 1214
- Mitra A., The probable mass of the companion in Cygnus X-3, **280**, 953
- Mittaz J.P.D. *see* Page M.J.
- Mittaz J.P.D. *see* Puchnarewicz E.M.
- Mittaz J.P.D. *see* Romero-Colmenero E.
- Mittaz J.P.D. *see* Rosen S.R.
- Mkrtichian D.E. *see* Martínez P.
- Mo H.J., Jing Y.P., White S.D.M., The correlation function of clusters of galaxies and the amplitude of mass fluctuations in the Universe, **282**, 1096
- Mo H.J., White S.D.M., An analytic model for the spatial clustering of dark matter haloes, **282**, 347
- Mobasher B., James P.A., Stellar population of elliptical galaxies in different environments: spectroscopic CO observations, **280**, 895
- Mobasher B., Rowan-Robinson M., Georgakakis A., Eaton N., The nature of the faint galaxies in the *Hubble Deep Field*, **282**, L7
- Moderski R., Sikora M., On black hole evolution in active galactic nuclei, **283**, 854
- Moesner R., Brandenberger R., Formation of high-redshift objects in a cosmic string theory with hot dark matter, **280**, 797
- Moffat A.F.J. *see* Smith L.F.
- Molau S. *see* Rendtel J.
- Møller P. *see* Warren S.J.
- Molotov I.E. *see* Slysh V.I.
- Momkaskaitė A. *see* Bogdanovich P.
- Moore T.J.T. *see* Quinn D.E.
- Morales-Rueda L., Still M.D., Roche P., Mapping quasi-periodic oscillations from the outbursting intermediate polar GK Persei, **283**, L58
- Morgan D.H., N19: an M-type symbiotic star in the Large Magellanic Cloud, **279**, 301
- Morganti R. *see* Siebert J.
- Morris P.W. *see* Meikle W.P.S.
- Morrison P., Sadun A., The two-stage origin of bright rings in extended radio lobes, **278**, 265
- Moscardini L. *see* Borgani S.
- Moscardini L. *see* Gheller C.
- Moscardini L. *see* Kolokotronis V.
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- Moss D., Shukurov A., Turbulence and magnetic fields in elliptical galaxies, **279**, 229
- Mouchet M. *see* Casares J.
- Muinsonen K. *see* Bailey M.E.
- Muinsonen K., Orbital covariance eigenproblem for asteroids and comets, **280**, 1235
- Mukai K. *see* Allan A.
- Mukai K. *see* Hellier C.
- Mukai K. *see* Ringwald F.A.
- Mukai K. *see* Somers M.W.
- Mukherjee J., Peters G.J., Wilson R.E., Rotation of Algol binaries – a line profile model applied to observations, **283**, 613
- Munari U. *see* Tomov T.
- Munari U., Carraro G., *UBV(RI)_C* photometry and spectroscopy of the young open cluster Haffner 19, **283**, 905
- Murray C.D., Real and imaginary Kirkwood gaps, **279**, 978
- Murray J.R., SPH simulations of tidally unstable accretion discs in cataclysmic variables, **279**, 402
- Mushotzky R.F. *see* Iwasawa K.
- Mutel R.L. *see* Su B.M.
- Muxlow T.W.B. *see* Su B.M.
- Muxlow T.W.B., Pedlar A., Holloway A.J., Gallimore J.F., Antonucci R.R.J., The compact radio nucleus of the Seyfert galaxy NGC 1068, **278**, 854
- Nadeau D. *see* Heisler C.A.
- Nagase F. *see* Brandt W.N.
- Nagase F. *see* Stevens I.R.
- Nagendra K.N. *see* Poutanen J.
- Nagendra K.N., Leung C.M., Models of highly extended dust shells around R Coronae Borealis, **281**, 1139
- Naim A. *see* Lahav O.
- Nair S. *see* Garrett M.A.
- Nakayama K., Unstable standing shock waves in general relativistic accretion flows, **281**, 226
- Nandra K. *see* Iwasawa K.
- Narayan R. *see* Patnaik A.R.
- Natarajan P., Kneib J.-P., Probing the dynamics of cluster-lenses, **283**, 1031
- Nath B.B., Sethi S.K., On the interpretation of the He II absorption in the line of sight of Q0302–003, **279**, 275
- Navarro J.F. *see* Eke V.R.
- Navarro J.F., Eke V.R., Frenk C.S., The cores of dwarf galaxy haloes, **283**, L72
- Naylor T. *see* Beekman G.
- Naylor T. *see* Homer L.
- Naylor T. *see* Ringwald F.A.
- Naylor T. *see* Shahbaz T.
- Naylor T. *see* Somers M.W.
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- Negueruela I. *see* Coe M.J.
- Nelson M.J. *see* Martínez P.
- Nelson R.P. *see* Larwood J.D.
- Netzer H., Heller A., Loinger F., Alexander T., Baldwin J.A., Wills B.J., Han M., Frueh M., Higdon J.L., Optical monitoring of luminous AGN – I. Radio-loud quasars, **279**, 429
- Neupert W.M. *see* Keenan F.P.
- Neuschaefer L. *see* Roche N.
- New R. *see* Chaplin W.J.
- Nicastro L. *see* Johnston S.
- Nicastro L. *see* Manchester R.N.
- Nichol R.C., Connolly A.J., Galactic extinction and Abell clusters, **279**, 521
- Nishida S., Lanza A., Eriguchi Y., Abramowicz M.A., Runaway instability and gamma-ray bursts, **278**, L41
- Nobili L. *see* Turolla R.
- Noguchi M. *see* Gardiner L.T.
- Noriega-Crespo A. *see* López R.
- Norris R.P. *see* Ellingsen S.P.
- Norton A.J., Beardmore A.P., Taylor P., On the interpretation of intermediate polar X-ray power spectra, **280**, 937
- Nowak M.A., Vaughan B.A., Phase lags and coherence of X-ray variability in black hole candidates, **280**, 227
- Nugent K.A. *see* Priedhorsky W.C.
- Nugent P. *see* Baron E.
- Nusser A. *see* Fisher K.B.
- Oates A.P. *see* Ratcliffe A.
- O'Brien I., Drury L.O'C., Non-LTE excitation of H₂ in magnetized molecular shocks, **280**, 550
- O'Brien K.S. *see* Aragón-Salamanca A.
- Odell A.P., W Corvi, a contact binary with a large temperature difference, **282**, 373
- Odenkirchen M. *see* Scholz R.-D.
- O'Donoghue D. *see* Billington I.

- O'Donoghue D. *see* Stobie R.S.
- O'Donoghue D., Charles P.A., Have superhumps been seen in black hole soft X-ray transients?, **282**, 191
- O'Donoghue D., Koen C., Kilkenny D., IE 0830.9-2238 (Pyx2): a new intermediate polar, **278**, 1075
- Oemler A., Jr *see* Doroshkevich A.G.
- Ofek E.O. *see* Loeb A.J.
- Ogilvie G.I., Pringle J.E., The non-axisymmetric instability of a cylindrical shear flow containing an azimuthal magnetic field, **279**, 152
- Okada K. *see* Sansom A.E.
- Okeke P.N. *see* Stobie R.S.
- Okoye S.E., Onuora L.I., On the origin of the magnetic fields associated with radio haloes in galaxy clusters, **283**, 1047
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- Onuora L.I. *see* Okoye S.E.
- Opher R. *see* Miranda O.D.
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- Orlov V.V., Petrova A.V., Ivanova N.S., The effect of stellar wind on the stability of triple systems, **281**, 1326
- Orlov V.V., Petrova A.V., The effect of tidal friction on the stability of triple systems, **281**, 384
- Örndahl E. *see* Rönnback J.
- Ortiz R. *see* Amaral L.H.
- Osborne J.P. *see* Rosen S.R.
- Ostrowski M. *see* Bednarz J.
- O'Sullivan J.D. *see* Hankins T.H.
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- Oudmaijer R.D., Groenewegen M.A.T., Matthews H.E., Blommaert J.A.D.L., Sahu K.C., The spectral energy distribution and mass-loss history of IRC + 10420, **280**, 1062
- Owens E.A., Griffiths R.E., Ratnatunga K.U., Using oblique decision trees for the morphological classification of galaxies, **281**, 153
- Paatero P. *see* Juvela M.
- Pachoulakis I. *see* Saizar P.
- Pachoulakis I., HD 159176: photospheric and wind-dominated light-curve analyses coupled to wind modelling, **280**, 153
- Packham C. *see* Young S.
- Packham C., Hough J.H., Young S., Chrysostomou A., Bailey J.A., Axon D.J., Ward M.J., Near-infrared and millimetre polarimetry of Cen A, **278**, 406
- Padman R. *see* Bence S.J.
- Padmanabhan T., Modelling the non-linear gravitational clustering in the expanding Universe, **278**, L29
- Padovani P., Giommi P., The *ROSAT* X-ray spectra of BL Lacertae objects, **279**, 526
- Page M. *see* Watson M.G.
- Page M.J. *see* Puchnarewicz E.M.
- Page M.J., Carrera F.J., Hasinger G., Mason K.O., McMahon R.G., Mittaz J.P.D., Barcons X., Carballo R., González-Serrano I., Pérez-Fourmon I., The luminosity function evolution of soft X-ray-selected active galactic nuclei in the RIXOS survey, **281**, 579
- Pagel B. *see* Jimenez R.
- Pagel B.E.J. *see* Henry R.B.C.
- Palmer D.M. *see* Dessenne C.A.-C.
- Panchuk V.E. *see* Zacs L.
- Pandey G., Kameswara Rao N., Lambert D.L., The emission-line spectrum of the hot R Coronae Borealis star MV Sgr, **282**, 889
- Pantano O. *see* Gheller C.
- Papadopoulos P. *see* Ivison R.J.
- Papaloizou J.C.B. *see* Larwood J.D.
- Papaloizou J.C.B. *see* Terquem C.
- Pariev V.I. *see* Istomin Ya.N.
- Pariev V.I., Hydrodynamic accretion on to a rapidly rotating Kerr black hole, **283**, 1264
- Park C. *see* Colley W.N.
- Parker J.Wm. *see* Israelian G.
- Parker Q.A. *see* Di Nella H.
- Parker Q.A. *see* Ratcliffe A.
- Parkes I.M. *see* Collins C.A.
- Pastoriza M.G. *see* Schmitt H.R.
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- Patnaik A.R. *see* Garrett M.A.
- Patnaik A.R., Schneider P., Narayan R., A deep radio observation of the gravitational lens candidate QSO 2345 + 007, **281**, L17
- Paturel G. *see* Di Nella H.
- Paturel G. *see* Rousseau J.
- Pavlenko E.P., Martin A.C., Casares J., Charles P.A., Ketsaris N.A., Orbital and quasi-periodic optical variations in the black hole X-ray binary V404 Cyg, **281**, 1094
- Pavón D. *see* Méndez V.
- Peacock J.A. *see* Ballinger W.E.
- Peacock J.A. *see* Stirling A.J.
- Peacock J.A., Dodds S.J., Non-linear evolution of cosmological power spectra, **280**, L19
- Pearson C., Rowan-Robinson M., Starburst galaxy contributions to extragalactic source counts, **283**, 174
- Pearson R.C. *see* Coles P.
- Pedlar A. *see* Holloway A.J.
- Pedlar A. *see* Kukula M.J.
- Pedlar A. *see* Muxlow T.W.B.
- Pedlar A. *see* Steffen W.
- Pedlar A. *see* Su B.M.
- Peele A.G. *see* Priedhorsky W.C.
- Pekünlü E.R., The Green function for solar microwaves in extraordinary mode, **283**, 969
- Pellegrini S. *see* Ciotti L.
- Pelló R. *see* Ebbels T.M.D.
- Percival J.W. *see* Graham-Smith F.
- Pérez E. *see* González Delgado R.M.
- Pérez E. *see* Terlevich E.
- Pérez Hernández F. *see* Basu S.
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- Perez J., Aly J.-J., Stability of spherical stellar systems – I. Analytical results, **280**, 689
- Perez-Fourmon I. *see* di Serego Alighieri S.
- Pérez-Fourmon I. *see* Meikle W.P.S.
- Pérez-Fourmon I. *see* Page M.J.
- Perola G.C. *see* Matt G.
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- Persic M., Salucci P., Stel F., The universal rotation curve of spiral galaxies – I. The dark matter connection, **281**, 27
- Peter H., Superpenumbral vortices, **278**, 821
- Peters G.J. *see* Mukherjee J.
- Peterson B.A. *see* Alcock C.
- Peterson B.A. *see* Lidman C.E.
- Petit C. *see* Rousseau J.
- Petrie S., Formation of interstellar CCS and CCCS: a case for radical/neutral chemistry?, **281**, 666
- Petrie S., Novel pathways to CN⁻ within interstellar clouds and circumstellar envelopes: implications for IS and CS chemistry, **281**, 137
- Petrie S., On the formation of metal cyanides and related compounds in the circumstellar envelope of IRC + 10216, **282**, 807
- Petrova A.V. *see* Orlov V.V.
- Pettini M. *see* Cumming R.J.
- Pfeffermann E. *see* Wheatley P.J.
- Philip A.G.D. *see* Adelman S.J.
- Phillipps S., Edmunds M.G., Global chemical evolution – I. QSO absorbers and the chemical evolution of galaxy discs, **281**, 362
- Phillips C.J. *see* Ellingsen S.P.
- Pichon C., Lynden-Bell D., Equilibria of flat and round galactic discs, **282**, 1143
- Pichon C., Lynden-Bell D., New sources for Kerr and other metrics: rotating relativistic discs with pressure support, **280**, 1007
- Piersimoni A.M. *see* Brocato E.
- Pigulski A. *see* Jerzykiewicz M.
- Pijpers F.P., Thompson M.J., A modified $R^1 \otimes R^1$ method for helioseismic rotation inversions, **279**, 498
- Pillinger C.T. *see* Bland P.A.
- Pineau des Forêts G. *see* Flower D.R.
- Piro L. *see* Matt G.

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- Pitts E., Tayler R.J., The chemical evolution of a galactic disc with infall and radial motions – II. Departures from centrifugal equilibrium, **280**, 1101
- Plewa T. *see* Cid-Fernandes R.
- Plionis M. *see* Kolokotronis V.
- Plionis M. *see* Moscardini L.
- Podsiadlowski Ph., The response of tidally heated stars, **279**, 1104
- Pollard K.R., Cottrell P.L., Kilmartin P.M., Gilmore A.C., RV Tauri stars – I. A long-term photometric survey, **279**, 949
- Pollock A.M.T. *see* Stevens I.R.
- Pols O.R. *see* Tout C.A.
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- Pooley G. *see* Grainge K.
- Pooley G.G. *see* Hardcastle M.J.
- Pooley G.G. *see* Lisenfeld U.
- Porcas R.W. *see* Garrett M.A.
- Porciani C., Ferrini F., Lucchin F., Matarrese S. Physical constraints on the halo mass function, **281**, 311
- Porter J.M., On the rotational velocities of Be and Be-shell stars, **280**, L31
- Potter S. *see* Ramsay G.
- Pounds K.A. *see* Brandt W.N.
- Poutanen J., Nagendra K.N., Svensson R., Green's matrix for Compton reflection of polarized radiation from cold matter, **283**, 892
- Pozzetti L., Bruzual A. G., Zamorani G., Pure luminosity evolution models for faint field galaxy samples, **281**, 953
- Prada F. *see* Zhao H.
- Pratt M.R. *see* Alcock C.
- Price N.M. *see* Bonnell I.A.
- Priedhorsky W.C., Peele A.G., Nugent K.A., An X-ray all-sky monitor with extraordinary sensitivity, **279**, 733
- Prieto M.A., Freudling W., The relation between the neutral and the ionized gas in NGC 5252, **279**, 63
- Prieto M.A., *ROSAT* observations of 3C radio-loud sources, **282**, 421
- Pringle J.E. *see* Hall S.M.
- Pringle J.E. *see* Livio M.
- Pringle J.E. *see* Lubow S.H.
- Pringle J.E. *see* Ogilvie G.I.
- Pringle J.E. *see* Schwarz D.H.
- Pringle J.E. *see* Tout C.A.
- Pringle J.E., Self-induced warping of accretion discs, **281**, 357
- Pritchett C.J. *see* Bridges T.J.
- Proctor M.R.E. *see* Weiss N.O.
- Puchnarewicz E.M. *see* Mason K.O.
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- Pudritz R.E. *see* Curry C.
- Puxley P.J. *see* Lumsden S.L.
- Pye J.P. *see* McGale P.A.
- Pye J.P. *see* Willingale R.
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- Quinn P.J. *see* Alcock C.
- Quinn T., Katz N., Efstathiou G., Photoionization and the formation of dwarf galaxies, **278**, L49
- Raga A.C. *see* Cantó J.
- Raga A.C. *see* Lim A.J.
- Raga A.C. *see* López R.
- Raga A.C., Cantó J., The steady structure of a jet/cloud interaction – II. The case of a spherically symmetric stratification, **280**, 567
- Rajagopal J. *see* Sridharan T.K.
- Rampazzo R. *see* Reduzzi L.
- Ramsay G., Cropper M., Mason K.O., A search for spectral variations in *ROSAT* observations of AM Her, VV Pup, BL Hyi and UZ For, **278**, 285
- Ramsay G., Cropper M., Wu K., Potter S., Optical polarization and X-ray data on the AM Her star RE J1844–74, **282**, 726
- Ramsbottom C.A. *see* Keenan F.P.
- Ramseyer T.F. *see* Allan A.
- Rasio F.A. *see* Heggie D.C.
- Ratcliffe A., Shanks T., Broadbent A., Parker Q.A., Watson F.G., Oates A.P., Fong R., Collins C.A., The Durham/UKST Galaxy Redshift Survey – I. Large-scale structure in the Universe, **281**, L47
- Ratnatunga K. *see* Roche N.
- Ratnatunga K.U. *see* Griffiths R.E.
- Ratnatunga K.U. *see* Owens E.A.
- Rauch M. *see* Carswell R.F.
- Rauch M. *see* Haehnelt M.G.
- Rawlings J.M.C. *see* Evans A.
- Rawlings J.M.C. *see* Federman S.R.
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- Rawlings S., Lacy M., Leahy J.P., Dunlop J.S., Garrington S.T., Lüdke E., A study of 4C 13.66 – the final identification and redshift for the revised 3C sample, **279**, L13
- Rebolo R. *see* Davies R.D.
- Recondo M.C. *see* de la Fuente A.
- Redman M.P. *see* Williams R.J.R.
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- Reduzzi L., Longhetti M., Rampazzo R., Comparative study of fine structure in samples of isolated and paired early-type galaxies, **282**, 149
- Rees M.J. *see* Kuncic Z.
- Rees M.J. *see* Reynolds C.S.
- Reetz J. *see* Bedding T.R.
- Rego M. *see* Alonso-Herrero A.
- Reid I.N. *see* Yan L.
- Reid N., Erratum: The M5 RR Lyrae population, **282**, 304
- Reid N., The M5 RR Lyrae population, **278**, 367
- Rendtel J., Brown P., Molau S., The 1995 outburst and possible origin of the α -Monocerotid meteoroid stream, **279**, L31
- Rengelink R.B. *see* Röttgering H.J.A.
- Renzini A. *see* Ciotti L.
- Retief S.J.P. *see* van der Walt D.J.
- Reyes A.L. *see* Howell S.B.
- Reynolds C.S. *see* Brandt W.N.
- Reynolds C.S. *see* Iwasawa K.
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- Reynolds C.S., Fabian A.C., *ROSAT* PSPC observations of Cygnus A: X-ray spectra of the cooling flow and hotspots, **278**, 479
- Reynolds J.E. *see* Slish V.I.
- Rich R.M. *see* Zhao H.
- Richards A.M.S., Yates J.A., Cohen R.J., Proper motions of water vapour masers and bipolar outflow from NML Cygni, **282**, 665
- Richer J.S. *see* Bence S.J.
- Riera A. *see* López R.
- Rigopoulou D., Lawrence A., Rowan-Robinson M., Multiwavelength energy distributions of ultraluminous *IRAS* galaxies – I. Sub-millimetre and X-ray observations, **278**, 1049
- Riley J.M. *see* Hardcastle M.J.
- Riley J.M. *see* Waldram E.M.
- Ringwald F.A. *see* Naylor T.
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- Ringwald F.A., Naylor T., Mukai K., The optical spectra of old novae, **281**, 192
- Ringwald F.A., Thorstensen J.R., Honeycutt R.K., Robertson J.W., The orbital period of BK Lyncis (PG 0917 + 342), **278**, 125
- Ritossa C., Physics of the blue-to-red and red-to-blue transitions in the evolution of massive stars – I. From blue to red, **281**, 970
- Ritter H. *see* Stehle R.
- Roberts D. *see* Liddle A.R.
- Roberts G. *see* Kilkenny D.
- Roberts G. *see* Kurtz D.W.
- Roberts G.R. *see* Martinez P.
- Roberts T.P. *see* Barber C.R.
- Robertson J.G. *see* Carswell R.F.
- Robertson J.G. *see* Crawford D.F.
- Robertson J.W. *see* Ringwald F.A.

- Robijn F.H.A., de Zeeuw P.T., Three-integral oblate galaxy models, **279**, 673
- Robijn F.H.A., Earn D.J.D., Potential-density basis sets in axisymmetric coordinates, **282**, 1129
- Robinson A. *see* Corbett E.A.
- Robinson J., Albrecht A., A statistic for identifying cosmic string wakes and other sheet-like structures, **283**, 733
- Robson E.I. *see* Taylor G.L.
- Rocha-Pinto H.J., Maciel W.J., The metallicity distribution of G dwarfs in the solar neighbourhood, **279**, 447
- Roche N. *see* Almaini O.
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- Roche P. *see* Coe M.J.
- Roche P. *see* Morales-Rueda L.
- Roche P.F. *see* Lucas P.W.
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- Roche P.F., Lucas P.W., Hoare M.G., Aitken D.K., Smith C.H., An investigation of the 3- μm emission bands in planetary nebulae, **280**, 924
- Rodgers A.W. *see* Alcock C.
- Rodgers S.D., Millar T.J., The chemistry of deuterium in hot molecular cores, **280**, 1046
- Rodrigues D.D.C., Thomas P.A., Merger trees and the multiplicity function of haloes, **282**, 631
- Rodríguez E. *see* Garrido R.
- Rodríguez-Pascual P.M. *see* de la Fuente A.
- Rola C. *see* Tresse L.
- Romano P., Zwitter T., Calvani M., Sulentic J., On the wings of broad H α emission in active galactic nuclei, **279**, 165
- Romero-Colmenero E. *see* Puchanewicz E.M.
- Romero-Colmenero E., Branduardi-Raymont G., Carrera F.J., Jones L.R., Mason K.O., McHardy I.M., Mittaz J.P.D., *ROSAT* PSPC spectra of X-ray-selected narrow-emission-line galaxies, **282**, 94
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- Ross R.R., Fabian A.C., The spectra of accretion discs in low-mass X-ray binaries, **281**, 637
- Roth M. *see* Kerber F.
- Rothschild E. *see* Saizar P.
- Röttgering H.J.A. *see* Best P.N.
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- Rouillon-Foley C. *see* Gondhalekar P.M.
- Roukema B.F., On determining the topology of the observable Universe via three-dimensional quasar positions, **283**, 1147
- Rousseau J., Di Nella H., Patrel G., Petit C., Reduction of the COSMOS Southern Sky galaxy survey data to the RC3 standard system, **282**, 144
- Rowan-Robinson M. *see* Clements D.L.
- Rowan-Robinson M. *see* Green S.M.
- Rowan-Robinson M. *see* Mobasher B.
- Rowan-Robinson M. *see* Oliver S.J.
- Rowan-Robinson M. *see* Pearson C.
- Rowan-Robinson M. *see* Rigopoulou D.
- Roxburgh I.W., Vorontsov S.V., An asymptotic description of solar acoustic oscillation of low and intermediate degree, **278**, 940
- Różyczka M. *see* Cid-Fernandes R.
- Rucinski S.M., Kaluzny J., Hilditch R.W., A search for detached eclipsing binary systems in the oldest known open cluster NGC 6791, **282**, 705
- Rudzikas Z. *see* Bogdanovich P.
- Ryabchikova T.A., Zakharova L.A., Adelman S.J., Elemental abundance analyses with DAO spectrograms – XIV. The double-lined spectroscopic binary 112 Herculis, **283**, 1115
- Ryans R.S.I., Hamblly N.C., Dufton P.L., Keenan F.P., A differential abundance analysis of the early-type halo star PHL 346, **278**, 132
- Rybicki G.B. *see* Kochanek C.S.
- Sadun A. *see* Morrison P.
- Sáez D. *see* Fullana M.J.
- Sagar R., Gopal-Krishna, Wiita P.J., Intranight optical monitoring of optically selected bright quasars, **281**, 1267
- Sahni V., Shandarin S., Accuracy of Lagrangian approximations in voids, **282**, 641
- Sahu K.C. *see* Oudmaier R.D.
- Saikia D.J., Thomasson P., Jackson N., Salter C.J., Junor W., An intrinsically asymmetric radio galaxy: 0500 + 630?, **282**, 837
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- Salter C.J. *see* Saikia D.J.
- Salucci P. *see* Persic M.
- Salvati M. *see* Matt G.
- Samodurov V.A. *see* Slysh V.I.
- Sanahuja B. *see* Ebbels T.M.D.
- Sanghera H. *see* Akujor C.E.
- Sansom A.E., Dotani T., Okada K., Yamashita A., Fabbiano G., *ASCA* observations of ‘the Antennae’, **281**, 48
- Santiago B.X. *see* Abraham R.G.
- Santiago B.X. *see* Elson R.A.W.
- Santiago B.X. *see* Hermit S.
- Santiago B.X., Elson R.A.W., Gilmore G.F., *HST* photometry of 47 Tuc and analysis of the stellar luminosity function in Milky Way clusters, **281**, 1363
- Santiago B.X., Gilmore G., Elson R.A.W., *HST* star counts at high galactic latitudes, **281**, 871
- Sanz J.L. *see* Cayón L.
- Sanz J.L. *see* de la Fuente A.
- Saracco P., Chincarini G., Iovino A., Colours, luminosity functions and counts of galaxies, **283**, 865
- Sarajedini A. *see* Chaboyer B.
- Saravanan T.P., Deshpande A.A., Wilson W., Davies E., McCulloch P.M., McConnell D., New H I absorption measurements towards six pulsars, **280**, 1027
- Saripalli L. *see* Subrahmanyam R.
- Sarna M.J. *see* Ergma E.
- Sarna M.J., Marks P.B., Smith R.C., Evolutionary scenarios for double degenerate systems, **279**, 88
- Sarre P.J. *see* Kerr T.H.
- Saslaw W.C. *see* Krzewina L.G.
- Sault R.J. *see* Killeen N.E.B.
- Saunders R. *see* Cotter G.
- Saunders R. *see* Grainge K.
- Saunders W. *see* Clements D.L.
- Saunders W. *see* Mann R.G.
- Saunders W. *see* Oliver S.J.
- Sauty C. *see* Tsinganos K.
- Savage C.O. *see* Terman J.L.
- Savaglio S. *see* Carbone V.
- Savaglio S. *see* Fontana A.
- Scappini F., Codella C., Guarnieri A., The search for methylisocyanacetene in TMC-1, **283**, L7
- Scappini F., Codella C., Radio observations in NH₃ and C₂S towards small molecular clouds and around pre-main-sequence stars, **282**, 587
- Scarpa R. *see* Fasano G.
- Scarrott S.M., Draper P.W., Further evidence for vertical magnetic fields in the galaxy NGC 891, **278**, 519
- Scarrott S.M., Draper P.W., Stockdale D.P., Imaging polarimetry of the luminous merger galaxy NGC 3256, **279**, 1325
- Scarrott S.M., Foley N.B., Gledhill T.M., Wolstencroft R.D., *BVRI* imaging polarimetric studies of the galaxy NGC 5128, **282**, 252
- Schade D., Crampton D., Hammer F., Le Fèvre O., Lilly S.J.,

- Canada-France Redshift Survey - X. The quasar sample, **278**, 95
- Schaefer R.K. *see* Liddle A.R.
- Schartel N., Green P.J., Anderson S.F., Hewett P.C., Foltz C.B., Margon B., Brinkmann W., Fink H., Trümper J., *ROSAT* soft X-ray properties of the Large Bright Quasar Survey: modelling of stacked X-ray spectra, **283**, 1015
- Scheuer P.A.G., Feiler R., The realignment of a black hole misaligned with its accretion disc, **282**, 291
- Schilizzi R.T. *see* Akujor C.E.
- Schilizzi R.T. *see* Kukula M.J.
- Schilizzi R.T. *see* Snellen I.A.G.
- Schindler S., Interaction in the bimodal galaxy cluster A3528, **280**, 309
- Schmid H.M., Simulations of the Raman-scattered O VI emission lines in symbiotic stars, **282**, 511
- Schmidt-Kaler T. *see* Grothues H.-G.
- Schmitt H.R., Bica E., Pastoriza M.G., Spectral analysis of the nuclear stellar population and gas emission in NGC 6240, **278**, 965
- Schneider P. *see* Geiger B.
- Schneider P. *see* Patnaik A.R.
- Schneider P., Detection of (dark) matter concentrations via weak gravitational lensing, **283**, 837
- Scholl H. *see* Perez J.
- Scholz R.-D., Odenkirchen M., Hirte S., Irwin M.J., Börngen F., Ziener R., Absolute proper motions and Galactic orbits of M 5, M 12 and M 15 from Schmidt plates, **278**, 251
- Schuecker P., The Muenster Redshift Project: improved methods for automated galaxy redshift measurements from very low-dispersion objective-prism spectra, **279**, 1057
- Schutz B.F. *see* Andersson N.
- Schwarz D.H., Pringle J.E., A self-colliding stellar wind model for SN 1979C, **282**, 1018
- Schwarzschild M. *see* de Zeeuw P.T.
- Schweitzer A., Hauschildt P.H., Allard F., Basri G., Analysis of Keck high-resolution spectra of VB 10, **283**, 821
- Scott A.D. *see* Evans A.
- Scott D. *see* White M.
- Scotti J.V. *see* Bailey M.E.
- Seagust E.R. *see* Ivison R.J.
- Seaton M.J., Interpolations of Rosseland-mean opacities for variable X and Z , **279**, 95
- Sebo K.M. *see* Wood P.R.
- Segawa Y. *see* Brandt W.N.
- Serote-Roos M., Boisson C., Joly M., Ward M.J., The stellar population and featureless continuum in the Seyfert nucleus of NGC 3516, **278**, 897
- Sethi S.K. *see* Nath B.B.
- Shafi Q. *see* Liddle A.R.
- Shahbaz T. *see* Beekman G.
- Shahbaz T., Bandyopadhyay R., Charles P.A., Naylor T., Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination, **282**, 977
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- Shahbaz T., Wood J.H., The system parameters of the polars MR Ser and ST LMi, **282**, 362
- Shalybkov D.A. *see* Urpin V.A.
- Shandarin S. *see* Sahni V.
- Shanks T. *see* Almaini O.
- Shanks T. *see* Croom S.M.
- Shanks T. *see* Georgantopoulos I.
- Shanks T. *see* Griffiths R.E.
- Shanks T. *see* Meikle W.P.S.
- Shanks T. *see* Ratcliffe A.
- Shanks T. *see* Roche N.
- Shara M.M. *see* Smith L.F.
- Sharples R.M. *see* Barger A.J.
- Sharples R.M. *see* Baugh C.M.
- Sharples R.M. *see* Gardner J.P.
- Shaver P.A. *see* Carswell R.F.
- Shaver P.A. *see* Hawkins M.R.S.
- Shaver P.A. *see* Warren S.J.
- Shaver P.A., Wall J.V., Kellermann K.I., PKS 1251-407: a radio-loud quasar at $z = 4.46$, **278**, L11
- Shaviv G. *see* Idan I.
- Shaw C.R. *see* Lyons M.A.
- Shaw M.A. *see* Tadhunter C.N.
- Shectman S.A. *see* Doroshkevich A.G.
- Shemar S.L., Lyne A.G., Observations of pulsar glitches, **282**, 677
- Sheth R.K., Galton-Watson branching processes and the growth of gravitational clustering, **281**, 1277
- Sheth R.K., Random dilutions, generating functions, and the void probability distribution function, **278**, 101
- Sheth R.K., The distribution of counts in cells in the non-linear regime, **281**, 1124
- Sheth R.K., The distribution of pairwise peculiar velocities in the non-linear regime, **279**, 1310
- Shi X., Widrow L.M., Dursi L.J., Measuring Hubble's constant in our inhomogeneous Universe, **281**, 565
- Shore S.N. *see* Saizar P.
- Shore S.N. *see* Vanlandingham K.M.
- Shukurov A. *see* Moss D.
- Siebert J. *see* Akritas M.G.
- Siebert J., Brinkmann W., Morganti R., Tadhunter C.N., Danziger I.J., Fosbury R.A.E., di Serego Alighieri S., The soft X-ray properties of a complete sample of radio sources, **279**, 1331
- Sigalotti L. Di G., Klapp J., Multiple fragmentation models of centrally condensed molecular cloud cores, **281**, 449
- Sigurdsson S. *see* Bacon D.
- Sikora M. *see* Moderski R.
- Sikora M., Sol H., Begelman M.C., Madejski G.M., Radiation drag in relativistic active galactic nucleus jets, **280**, 781
- Silich S.A., Mashchenko S.Ya., Tenorio-Tagle G., Franco J., Shells as probe particles for the study of the galactic spin orientation, **280**, 711
- Simonneau E. *see* Corradi R.L.M.
- Simpson C., Forbes D.A., Baker A.C., Ward M.J., Forbidden Fe⁺ emission from active galaxies, **283**, 777
- Simpson C., Ward M., A dynamical model for the narrow-line region of active galactic nuclei, **282**, 797
- Simpson C., Ward M., Clements D.L., Rawlings S., Emission-line ratios in a radio-selected sample of active galactic nuclei, **281**, 509
- Singal A.K., Differential number counts of radio galaxies and quasars: evidence against the unified scheme, **278**, 1069
- Sirk M.M. *see* Rosen S.R.
- Skinner C.J. *see* Sylvester R.J.
- Skinner S.L. *see* Stevens I.R.
- Skopal A., Bode M.F., Bryce M., Chochol D., Davis R.J., Errico L., Evans A., Eyres S.P.S., Hric L., Ivison R.J., Kenny H.T., Komzik R., Meaburn J., Tamura S., Taylor A.R., Urban Z., Vittone A.A., Multifrequency observations of the eclipsing symbiotic triple system CH Cyg during the 1992-94 active phase, **282**, 327
- Sleath J.P., Alexander P., A new model of the structure of spiral galaxies based on propagating star formation - II. The effect of a spiral density wave, **283**, 358
- Slee O.B. *see* Jones K.L.
- Slysh V.I., Migenes V., Kanevsky B.Z., Molotov I.E., Samodurov V.A., Reynolds J.E., Wilson W.E., Jauncey D.L., McCulloch P.M., Feil G., Cannon W., VLBI observations of OH masers with the S-2 recording system, **283**, L9
- Smail I. *see* Barger A.J.
- Smail I. *see* Ebbels T.M.D.
- Smale A.P. *see* Shahbaz T.
- Smalley B., Smith K.C., Wonnacott D., Allen C.S., The chemical composition of IK Pegasi, **278**, 688
- Smith C.H. *see* Quinn D.E.
- Smith C.H. *see* Roche P.F.
- Smith D. *see* Gondek D.
- Smith D.A., Done C., Unified theories of active galactic nuclei: a hard X-ray sample of Seyfert 2 galaxies, **280**, 355
- Smith H., Jr., Eichhorn H., On the estimation of distances from trigonometric parallaxes, **281**, 211
- Smith H.E. *see* Fabian A.C.
- Smith K.C. *see* Smalley B.
- Smith K.W., Jones D.H.P., Clarke C.J., A search for rapid variability in T Tauri stars, **282**, 167
- Smith L.F., Shara M.M., Moffat A.F.J., A three-dimensional classification for WN stars, **281**, 163
- Smith L.J. *see* Cumming R.J.

- Smith L.J. *see* Meikle W.P.S.
 Smith M.G. *see* Baker A.C.
 Smith P.S. *see* Marchà M.J.M.
 Smith R.C. *see* Davey S.C.
 Smith R.C. *see* Sarna M.J.
 Smith R.G. *see* Quinn D.E.
 Smith T.B. *see* Bland P.A.
 Smits D.P., Theoretical He I line intensities in low-density plasmas, **278**, 683
 Smoker J.V., Davies R.D., Axon D.J., H I and optical observations of the NGC 428 field, **281**, 393
 Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K., Near-infrared imaging of gigahertz-peaked-spectrum radio galaxies: tracing the evolution of giant ellipticals?, **283**, L123
 Snellen I.A.G., Bremer M.N., Schilizzi R.T., Miley G.K., van Ojik R., The R-band Hubble diagram for gigahertz peaked spectrum radio galaxies, **279**, 1294
 Sodré L., Jr *see* Lahav O.
 Soker N., Stellar bubbles inside planetary nebulae, **283**, 1405
 Sol H. *see* Sikora M.
 Somers M.W., Lockley J.J., Naylor T., Wood J.H., Photometry of the post-common-envelope binary PG 0308 + 096, **280**, 1277
 Somers M.W., Mukai K., Naylor T., Infrared photometry of WY Sge: just an ordinary old nova?, **278**, 845
 Somerville W.B. *see* Kerr T.H.
 Sommer-Larsen J. *see* Flynn C.
 Sonogo S., Lanza A., Relativistic perihelion advance as a centrifugal effect, **279**, L65
 Sonogo S., Massar M., On the notions of gravitational and centrifugal force in static spherically symmetric space-times, **281**, 659
 Sonneborn G. *see* Saizar P.
 Sonneborn G. *see* Vanlandingham K.M.
 Southwell K.A. *see* Alcock C.
 Southwell K.A., Charles P.A., The optical counterpart of the supersoft Small Magellanic Cloud transient pulsar RX J0059.2-7138, **281**, L63
 Spelmanis R. *see* Zacs L.
 Spencer R.E. *see* Akujor C.E.
 Spergel D.N. *see* Zhao H.
 Spinelli L. *see* Triari R.
 Splinter R.J. *see* Bhavsar S.P.
 Splinter R.J., A nested-grid particle-mesh code for high-resolution simulations of gravitational instability in cosmology, **281**, 281
 Sproats L.N., Howell S.B., Mason K.O., Infrared colours, distance determination and absolute magnitudes of a sample of faint cataclysmic variables, **282**, 1211
 Spurzem R., Aarseth S.J., Direct collisional simulation of 10 000 particles past core collapse, **282**, 19
 Spurzem R., Giersz M., A stochastic Monte Carlo approach to modelling of real star cluster evolution - I. The model, **283**, 805
 Spyromilio J., Leibundgut B., Carbon monoxide in supernova 1995ad, **283**, L89
 Srianand R., Khare P., Analysis of Ly α absorption lines in the vicinity of QSOs, **280**, 767
 Sridhar S., Touma J., Adiabatic evolution and capture into resonance: vertical heating of a growing stellar disc, **279**, 1263
 Sridharan T.K., Bhatt H.C., Rajagopal J., Magnetic fields in cometary globules - I. CG 22, **279**, 1191
 Stappers B.W. *see* Lorimer D.R.
 Starrfield S. *see* Saizar P.
 Starrfield S. *see* Vanlandingham K.M.
 Stasińska G. *see* Tresse L.
 Stauffer J.R. *see* Jeffries R.D.
 Staveley-Smith L. *see* Killeen N.E.B.
 Steeghs D., Horne K., Marsh T.R., Donati J.F., Slingshot prominences during dwarf nova outbursts?, **281**, 626
 Steel D.I. *see* Asher D.J.
 Steel D.I., Asher D.J., On the origin of Comet Encke, **281**, 937
 Steel D.I., Asher D.J., The orbital dispersion of the macroscopic Taurid objects, **280**, 806
 Steele I.A. *see* Coe M.J.
 Steffen W. *see* Holloway A.J.
 Steffen W. *see* Meaburn J.
 Steffen W. *see* Su B.M.
 Steffen W., Holloway A.J., Pedlar A., IRAS 04210 + 0400: modelling the optical spectra from flaring large-scale jets, **282**, 1203
 Steffen W., Holloway A.J., Pedlar A., Jets and the emission-line spiral structure in IRAS 04210 + 0400, **282**, 130
 Stehle R. *see* Kolb U.
 Stehle R., Ritter H., Kolb U., An analytic approach to the secular evolution of cataclysmic variables, **279**, 581
 Steidel C.C. *see* Madau P.
 Steiner J.E. *see* Baptista R.
 Steinmetz M. *see* Bartelmann M.
 Steinmetz M. *see* Hachnelt M.G.
 Steinmetz M., GRAPESPH: cosmological smoothed particle hydrodynamics simulations with the special-purpose hardware GRAPE, **278**, 1005
 Stel F. *see* Persic M.
 Sterken C. *see* Israelian G.
 Stevens I.R. *see* Jeffries R.D.
 Stevens I.R., Corcoran M.F., Willis A.J., Skinner S.L., Pollock A.M.T., Nagase F., Koyama K., ASCA observations of γ^2 Velorum (WC8 + O9I): the variable X-ray spectrum of colliding winds, **283**, 589
 Stewart G.C. *see* Almaini O.
 Stewart G.C. *see* Georgantopoulos I.
 Stewart G.C. *see* Griffiths R.E.
 Stewart G.C. *see* Roche N.
 Stewart G.C. *see* Willingale R.
 Stewart R.T. *see* Duncan A.R.
 Stewart R.T. *see* Jones K.L.
 Still M. *see* Watson M.G.
 Still M.D. *see* Morales-Rueda L.
 Still M.D., An accretion model for the eclipsing cataclysmic variable PG 0859 + 415, **282**, 943
 Stirling A.J., Peacock J.A., Power correlations in cosmology: limits on primordial non-Gaussian density fields, **283**, L99
 Stobie R.S., Okeke P.N., Buckley D.A.H., O'Donoghue D., EUVE J1429-38.0: an eclipsing polar, **283**, L127
 Stockdale D.P. *see* Scarrott S.M.
 Storrie-Lombardi L.J., Irwin M.J., McMahon R.G., APM $z \geq 4$ survey: distribution and evolution of high column density H I absorbers, **282**, 1330
 Storrie-Lombardi L.J., McMahon R.G., Irwin M.J., Evolution of neutral gas at high redshift: implications for the epoch of galaxy formation, **283**, L79
 Storrie-Lombardi M.C. *see* Lahav O.
 Strauss M.A. *see* Hermit S.
 Stubbs C.W. *see* Alcock C.
 Su B.M., Muxlow T.W.B., Pedlar A., Holloway A.J., Steffen W., Kukula M.J., Mutel R.L., Compact radio structure in the Seyfert nucleus of NGC 5929, **279**, 1111
 Subrahmanyan R., Goss W.M., Electron temperatures in the Galactic H II regions W43 and M17, **281**, 239
 Subrahmanyan R., Saripalli L., Hunstead R.W., Morphologies in megaparsec-size powerful radio galaxies, **279**, 257
 Sugiyama N. *see* Cayón L.
 Sulentic J. *see* Romano P.
 Sullivan D.J. *see* Kurtz D.W.
 Sundelius B. *see* Wahde M.
 Surlantzis G. *see* Tsinganos K.
 Sutherland W. *see* Alcock C.
 Sutherland W.J. *see* Clements D.L.
 Sutherland W.J. *see* Maddox S.J.
 Suto Y. *see* Kitayama T.
 Svensson R. *see* Poutanen J.
 Swanson S.R. *see* Wegner G.
 Syer D. *see* Clarke C.J.
 Syer D., Tremaine S., Made-to-measure N -body systems, **282**, 223
 Syer D., Tremaine S., Non-axisymmetric, scale-free, razor-thin discs, **281**, 925
 Sylvester R.J., Skinner C.J., Barlow M.J., Mannings V., Optical, infrared and millimetre-wave properties of Vega-like systems, **279**, 915
 Sylvester R.J., Skinner C.J., Optical, infrared and millimetre-wave properties of Vega-like systems - II. Radiative transfer modelling, **283**, 457
 Taam R.E. *see* Grossman S.A.
 Taam R.E. *see* Milsom J.A.
 Taam R.E. *see* Terman J.L.
 Tadhunter C.N. *see* Holloway A.J.

- Tadhunter C.N. *see* Siebert J.
- Tadhunter C.N., Dickson R.C., Shaw M.A., Young stars and scattered light in the powerful radio galaxy 3C 321, **281**, 591
- Tadros H., Efstathiou G., Power spectrum analysis of the Stromlo-APM redshift survey, **282**, 1381
- Takahara F. *see* Levshakov S.A.
- Tamura M. *see* Chrysostomou A.
- Tamura S. *see* Skopal A.
- Tanaka Y. *see* Iwasawa K.
- Tang Y. *see* Röttgering H.J.A.
- Tanvir N.R. *see* Abraham R.G.
- Tanvir N.R. *see* Meikle W.P.S.
- Tautvaišienė G. *see* Bogdanovich P.
- Tawara Y. *see* Allen S.W.
- Tayal S.S. *see* Keenan F.P.
- Taylor R.J. *see* Pitts E.
- Taylor A. *see* Oliver S.J.
- Taylor A.N. *see* Mann R.G.
- Taylor A.N., Hamilton A.J.S., Non-linear cosmological power spectra in real and redshift space, **282**, 767
- Taylor A.R. *see* Skopal A.
- Taylor G.L., Dunlop J.S., Hughes D.H., Robson E.I., A near-IR study of the host galaxies of radio-quiet quasars, radio-loud quasars and radio galaxies, **283**, 930
- Taylor H. *see* Lyne A.G.
- Taylor P. *see* Norton A.J.
- Taylor S.D. *see* Federman S.R.
- Taylor S.D. *see* Howe D.A.
- Taylor S.D., Williams D.A., Molecular emission ahead of Herbig-Haro bow shocks, **282**, 1343
- Tegmark M. *see* Haehnelt M.G.
- Tegmark M., A method for extracting maximum resolution power spectra from microwave sky maps, **280**, 299
- Tegmark M., Efstathiou G., A method for subtracting foregrounds from multifrequency CMB sky maps, **281**, 1297
- Tenorio-Tagle G. *see* Cid-Fernandes R.
- Tenorio-Tagle G. *see* Silich S.A.
- Terlevich E., Diaz A.I., Terlevich R., González-Delgado R.M^a, Pérez E., García Vargas M.L., A spectroscopic search for red supergiants in the M33 giant H II region NGC 604, **279**, 1219
- Terlevich R. *see* Cid-Fernandes R., Jr
- Terlevich R. *see* Cid-Fernandes R.
- Terlevich R. *see* Fabian A.C.
- Terlevich R. *see* Terlevich E.
- Termar J.L., Taam R.E., Savage C.O., A population synthesis study of low-mass X-ray binary systems, **281**, 552
- Terquem C. *see* Larwood J.D.
- Terquem C., Bertout C., Tidally induced warps in T Tauri discs – II. A parametric study of spectral energy distributions, **279**, 415
- Terquem C., Papaloizou J.C.B., On the stability of an accretion disc containing a toroidal magnetic field, **279**, 767
- Terranova D. *see* Matarrese S.
- Testa V. *see* Brocato E.
- Thejll P. *see* Jimenez R.
- Theuns T. *see* Catelan P.
- Theuns T., Boffin H.M.J., Jorissen A., Wind accretion in binary stars – II. Accretion rates, **280**, 1264
- Theuns T., Numerical study of energy diffusion in King models, **279**, 827
- Thomas G. *see* Billington I.
- Thomas P.A. *see* Gunn K.F.
- Thomas P.A. *see* Rodrigues D.D.C.
- Thomas R.J. *see* Keenan F.P.
- Thomasson P. *see* Saikia D.J.
- Thompson M.J. *see* Basu S.
- Thompson M.J. *see* Howe R.
- Thompson M.J. *see* Pijpers F.P.
- Thorstensen J.R. *see* Ringwald F.A.
- Thuillard M., Pulsation frequency of fireballs: a new method of measuring meteoroid size?, **279**, 785
- Thurston M.R. *see* Corbett E.A.
- Thurston T.R., Edmunds M.G., Henry R.B.C., N/O in spiral discs: a new algorithm for abundance determinations, **283**, 990
- Tini Brunozzi P. *see* Moscardini L.
- Tinney C.G., CCD astrometry of southern very low-mass stars, **281**, 644
- Tipler F.J., Newtonian cosmology revisited, **282**, 206
- Titterton D.J. *see* Desseigne C.A.-C.
- Tomov T., Kolev D., Munari U., Antov A., Time-resolved high-resolution spectroscopy of CH Cygni: evidence for a magnetic propeller state in 1994, **278**, 542
- Torres S. *see* Cayón L.
- Tosi M. *see* Gozzoli E.
- Touma J. *see* Sridhar S.
- Tout C.A. *see* Warner B.
- Tout C.A., Pols O.R., Eggleton P.P., Han Z., Zero-age main-sequence radii and luminosities as analytic functions of mass and metallicity, **281**, 257
- Tout C.A., Pringle J.E., Can a disc dynamo generate large-scale magnetic fields?, **281**, 219
- Tremaine S. *see* Syer D.
- Tresse L., Rola C., Hammer F., Stasińska G., Le Fèvre O., Lilly S.J., Crampton D., The Canada-France Redshift Survey – XII. Nature of emission-line field galaxy population up to $z = 0.3$, **281**, 847
- Trewhella M. *see* Jones H.
- Treyer M.A., Lahav O., Faint blue galaxies as a probe of the X-ray background at high redshift, **280**, 469
- Triay R., Spinelli L., Lafaye R., Framework for cosmography at high redshift, **279**, 564
- Trümper J. *see* Becker W.
- Trümper J. *see* Schartel N.
- Trussoni E. *see* Gliozzi M.
- Trussoni E. *see* Tsinganos K.
- Tsai J.C., Buote D.A., Cosmological implications of galaxy cluster evolution, **282**, 77
- Tsiklauri D., Viollier R.D., On possible signatures of heavy neutrino balls in active galactic nuclei, **282**, 1299
- Tsinganos K., Sauty C., Surlantzis G., Trussoni E., Contopoulos J., On the relation of limiting characteristics to critical surfaces in magnetohydrodynamic flows, **283**, 811
- Tucker D.L. *see* Doroshkevich A.G.
- Turatto M. *see* Patat F.
- Turatto M., Benetti S., Cappellaro E., Danziger I.J., Della Valle M., Gouffes C., Mazzali P.A., Patat F., The properties of the peculiar type Ia supernova 1991bg – I. Analysis and discussion of two years of observations, **283**, 1
- Turolla R. *see* Zampieri L.
- Turolla R., Zane S., Zampieri L., Nobili L., Dynamical Comptonization in spherical flows: black hole accretion and stellar winds, **283**, 881
- Tutukov A., Yungelson L., Double-degenerate semidetached binaries with helium secondaries: cataclysmic variables, supersoft X-ray sources, supernovae and accretion-induced collapses, **280**, 1035
- Tweedy R.W. *see* Barstow M.A.
- Ueda H., Yokoyama J., Counts-in-cells analysis of the statistical distribution in an N -body simulated universe, **280**, 754
- Ulrich M.-H., Horne K., A month in the life of NGC 4151: velocity-delay maps of the broad-line region, **283**, 748
- Ulrich M.-H., The narrow variable components of C iv in NGC 4151 from 1981 to 1987, **281**, 907
- Unavane M., Wyse R.F.G., Gilmore G., The merging history of the Milky Way, **278**, 727
- Urban Z. *see* Skopal A.
- Urpín V., Geppert U., Non-steady state accretion and evolution of Her X-1 like systems, **278**, 471
- Urpín V.A., On hydrodynamic stability of weakly magnetized stellar radiative zones, **280**, 149
- Urpín V.A., Shalybkov D.A., Hydrodynamic motions and neutrino emissivity of neutron stars, **281**, 145
- Uryū K., Eriguchi Y., Existence of non-axisymmetric polytropes sustained by internal motions, **282**, 653
- Vaeck N. *see* Fleming J.
- Valtonen M.J., Triple black hole systems formed in mergers of galaxies, **278**, 186
- van de Weygaert R. *see* Bernardeau F.
- van de Weygaert R., Bertschinger E., Peak and gravity constraints in Gaussian primordial density fields: an application of the Hoffman-Ribak method, **281**, 84
- van den Bergh S. *see* Abraham R.G.
- van den Bosch F.C., de Zeeuw P.T., Self-consistent, axisymmetric two-integral models of elliptical galaxies with embedded nuclear discs, **283**, 381

- van den Heuvel E.P.J., Lorimer D.R., On the galactic and cosmic merger rate of double neutron stars, **283**, L37
- van der Hooft F. *see* Shahbaz T.
- van der Hucht K.A. *see* Dougherty S.M.
- van der Hulst J.M. *see* de Blok W.J.G.
- van der Marel R.P. *see* de Bruijne J.H.J.
- van der Walt D.J., Retief S.J.P., Gaylard M.J., MacLeod G.C., A search for 5_1-6_0 A⁺-methanol masers towards faint *IRAS* sources, **282**, 1085
- van der Werf P. *see* Hawkins M.R.S.
- van Dokkum P.G., Franx M., The Fundamental Plane in CL 0024 at $z = 0.4$: implications for the evolution of the mass-to-light ratio, **281**, 985
- van Groningen E. *see* Rönnback J.
- van Loon J.Th. *see* Zijlstra A.A.
- van Ojik R. *see* Snellen I.A.G.
- van Paradijs J. *see* Fox D.
- van Paradijs J. *see* Homer L.
- van Paradijs J. *see* Shahbaz T.
- van Teeseling A. *see* Wheatley P.J.
- van Wyk F. *see* Kurtz D.W.
- Vanderriest C. *see* Crawford C.S.
- Vanlandingham K.M., Starrfield S., Wagner R.M., Shore S.N., Sonneborn G., Optical and ultraviolet spectrophotometry of the ONeMg Nova V838 Hercules 1991, **282**, 563
- Vaughan B.A. *see* Nowak M.A.
- Veilleux S. *see* Meikle W.P.S.
- Verbunt F. *see* Fox D.
- Verbunt F. *see* Wheatley P.J.
- Véron P. *see* Hawkins M.R.S.
- Vesperini E. *see* Bellazzini M.
- Viana P.T.P. *see* Liddle A.R.
- Viana P.T.P. *see* White M.
- Viana P.T.P., Liddle A.R., The cluster abundance in flat and open cosmologies, **281**, 323
- Vietri M., Coronal gamma-ray bursts as the sources of ultra-high-energy cosmic rays?, **278**, L1
- Vilchez J. *see* Meikle W.P.S.
- Vilchez J.M., Esteban C., The chemical composition of H II regions in the outer Galaxy, **280**, 720
- Villumsen J.V., Weak lensing by large-scale structure in open, flat and closed universes, **281**, 369
- Vinkó J., Hegedüs T., Hendry P.D., UZ Leo and CV Cyg: two evolved contact binaries, **280**, 489
- Viollier R.D. *see* Tsiklauri D.
- Vittone A.A. *see* Skopal A.
- Voges W. *see* Ebeling H.
- von Bibra M.L. *see* Ellingsen S.P.
- Vorontsov S.V. *see* Roxburgh I.W.
- Waga I. *see* Bloomfield Torres L.F.
- Wagner R.M. *see* Vanlandingham K.M.
- Wahde M., Donner K.J., Sundelius B., Dynamical friction in disc galaxies with non-zero velocity dispersion, **281**, 1165
- Waldram E.M. *see* Dessenne C.A.-C.
- Waldram E.M., Yates J.A., Riley J.M., Warner P.J., The 7C survey of radio sources at 151 MHz—a region covering RA 9^h to 16^h and Dec. 20° to 35° , **282**, 779
- Walker D.D. *see* D'Arrigo P.
- Walker D.D., D'Arrigo P., On the stability of Cassegrain spectrographs, **281**, 673
- Wall J.V. *see* Meikle W.P.S.
- Wall J.V. *see* Shaver P.A.
- Wallerstein G. *see* Gonzalez G.
- Wallerstein G., Gonzalez G., The carbon Cepheid V553 Cen: evidence of triple- α and CNO cycling, **282**, 1236
- Walsh J.R. *see* Meaburn J.
- Walton N. *see* Fitzsimmons A.
- Walton N.A. *see* Meikle W.P.S.
- Wanders I. *see* Rönnback J.
- Ward M. *see* Simpson C.
- Ward M.J. *see* Alonso-Herrero A.
- Ward M.J. *see* Baker A.C.
- Ward M.J. *see* Packham C.
- Ward M.J. *see* Serote-Roos M.
- Ward M.J. *see* Simpson C.
- Ward M.J. *see* Young S.
- Ward-Thompson D. *see* Buckley H.D.
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- Wardle M. *see* Königl A.
- Warner B. *see* Harrop-Allin M.K.
- Warner B. *see* Howell S.B.
- Warner B., Livio M., Tout C.A., Dwarf nova outbursts in truncated accretion discs: down with low alphas, **282**, 735
- Warner P.J. *see* Dessenne C.A.-C.
- Warner P.J. *see* Waldram E.M.
- Warren S.J., Hewett P.C., Lewis G.F., Møller P., Iovina A., Shaver P.A., A candidate optical Einstein ring, **278**, 139
- Warwick R.S. *see* Barber C.R.
- Waters L.B.F.M. *see* Zijlstra A.A.
- Watkins S.J. *see* Whitworth A.P.
- Watson F.G. *see* Ratcliffe A.
- Watson M.G. *see* Rosen S.R.
- Watson M.G. *see* Wheatley P.J.
- Watson M.G., Marsh T.R., Fender R.P., Barstow M.A., Still M., Page M., Dhillon V.S., Beardmore A.P., The EUV transient RE J1255 + 266, **281**, 1016
- Watson R.A. *see* Davies R.D.
- Webb J.K. *see* Carswell R.F.
- Webster A., A possible isotope shift in the spectrum of a diffuse interstellar band, **282**, 1372
- Webster A.S. *see* Fender R.P.
- Wegner G., Swanson S.R., Early spectra of the supernova 1987F, **278**, 22
- Wegner W. *see* Zubko V.G.
- Wei D.M. *see* Cheng K.S.
- Weisberg J.M. *see* Johnston S.
- Weiß A.G., Gottlöber S., Buchert T., Optimizing higher order Lagrangian perturbation theory for standard CDM and BSI models, **278**, 953
- Weiss N.O., Brownjohn D.P., Matthews P.C., Proctor M.R.E., Photospheric convection in strong magnetic fields, **283**, 1153
- Weiss W.W. *see* Martinez P.
- Welch D.L. *see* Alcock C.
- Welsh W.F., Martell P.J., A comparative study of the optical pulsations in the intermediate polars, **282**, 739
- Welty D.E. *see* Kulkarni V.P.
- Werner K. *see* Hoare M.G.
- West R.G. *see* Willingale R.
- Wheatley P.J., van Teeseling A., Watson M.G., Verbunt F., Pfeiffermann E., Z Cam in outburst during the *ROSAT* All-Sky Survey, **283**, 101
- White M. *see* Liddle A.R.
- White M., Viana P.T.P., Liddle A.R., Scott D., Cold dark matter models with high baryon content, **283**, 107
- White S.D.M. *see* Kauffmann G.
- White S.D.M. *see* Mo H.J.
- Whitelock P.A. *see* Groenewegen M.A.T.
- Whitelock P.A. *see* Zijlstra A.A.
- Whitworth A.P., Bhattal A.S., Francis N., Watkins S.J., Star formation and the singular isothermal sphere, **283**, 1061
- Wickramasinghe D. *see* Ferrario L.
- Widrow L.M. *see* Shi X.
- Wiita P.J. *see* Sagar R.
- Wild J.P., A revival of Newton's theory of gravitation, **282**, 763
- Wilding T. *see* Lisenfeld U.
- Williams D.A. *see* Federman S.R.
- Williams D.A. *see* Howe D.A.
- Williams D.A. *see* McCoustra M.
- Williams D.A. *see* Taylor S.D.
- Williams D.A., Hartquist T.W., Caselli P., A comment on 'Chemical evolution in circumstellar structure of B5 IRS1' by Kelly, Macdonald & Millar, **282**, 900
- Williams I.P. *see* Fitzsimmons A.
- Williams I.P. *see* Wu Z.
- Williams L.L.R., Lewis G.F., The giant protogalaxy cB58: an artefact of gravitational lensing?, **281**, L35
- Williams P.M. *see* Dougherty S.M.
- Williams P.M. *see* Fender R.P.
- Williams P.M., Longmore A.J., Geballe T.R., Evolution of the 1–4 μ m spectrum of Nova PW Vulpeculae 1984, **279**, 804
- Williams R.E. *see* Saizar P.

- Williams R.J.R. *see* Meaburn J.
 Williams R.J.R. *see* Redman M.P.
 Williams R.J.R., Dyson J.E., Breaking the sound barrier in recombination fronts, **279**, 987
 Williams R.J.R., Dyson J.E., Redman M.P., Clumpy ultracompact H II regions – III. Cometary morphologies around stationary stars, **280**, 667
 Williams T.L., Adams N.G., Babcock L.M., Herd C.R., Geoghegan M., Production and loss of the water-related species H_3O^+ , H_2O and OH in dense interstellar clouds, **282**, 413
 Williger G.M. *see* Carswell R.F.
 Willingale R., West R.G., Pye J.P., Stewart G.C., *ROSAT* PSPC observations of the remnant of SN 1006, **278**, 749
 Willis A.J. *see* Stevens I.R.
 Willmore A.P. *see* Manning R.A.
 Wills B.J. *see* Netzer H.
 Wills B.J. *see* Young S.
 Wilson G., Cole S., Frenk C.S., Cluster mass reconstruction from weak gravitational lensing, **280**, 199
 Wilson G., Cole S., Frenk C.S., Constraining Ω_0 using weak gravitational lensing by clusters, **282**, 501
 Wilson R.E. *see* Mukherjee J.
 Wilson R.W., Jenkins C.R., Adaptive optics for astronomy: theoretical performance and limitations, **278**, 39
 Wilson W. *see* Johnston S.
 Wilson W. *see* Saravanan T.P.
 Wilson W.E. *see* Killen N.E.B.
 Wilson W.E. *see* Slysh V.I.
 Wolstencroft R.D. *see* Scarrott S.M.
 Wonnacott D. *see* Smalley B.
 Wood J.H. *see* Shahbaz T.
 Wood J.H. *see* Somers M.W.
 Wood P.R., Sebo K.M., On the pulsation mode of Mira variables: evidence from the Large Magellanic Cloud, **282**, 958
 Woolfson M.M. *see* Eggers S.
 Woolfson M.M. *see* Melita M.D.
 Wu K. *see* Ramsay G.
 Wu S. *see* Yang L.
 Wu X. *see* Yang L.
 Wu Z., Williams I.P., Leonid meteor storms, **280**, 1210
 Wynn G.A. *see* Burderi L.
 Wynn G.A. *see* Rosen S.R.
 Wynne C.G., Correction of atmospheric dispersion in the infrared, **282**, 863
 Wynne C.G., Field correctors for very large telescopes, **280**, 555
 Wyse R.F.G. *see* Bryn Jones J.
 Wyse R.F.G. *see* Unavane M.
- Xanthopoulos E., *VRI* CCD surface photometry of Seyfert 1, Seyfert 2 and intermediate Seyfert-type galaxies, **280**, 6
 Xingming Chen *see* Igumenshchev I.V.
- Yabushita S., On the effect of non-gravitational processes on the dynamics of nearly parabolic comets, **283**, 347
 Yabushita S., Statistical tests of a periodicity hypothesis for crater formation rate – II, **279**, 727
 Yamashita A. *see* Sansom A.E.
 Yan L., Reid I.N., Discovery of six short-period eclipsing binaries in the globular cluster M5, **279**, 751
 Yang L., Yang P., Wu S., Wu X., Sonic-point instability with a new revised viscosity and isothermal accretion disc, **279**, 669
 Yang P. *see* Yang L.
 Yankulova I. *see* Golev V.
 Yates J.A. *see* Humphreys E.M.L.
 Yates J.A. *see* Richards A.M.S.
 Yates J.A. *see* Waldrum E.M.
- Yates J.A., Cohen R.J., Submillimetre water masers in circumstellar envelopes – II. Variability, **278**, 655
 Yearsley J.M. *see* Drinkwater M.J.
 Yokoyama J. *see* Ueda H.
 York D.G. *see* Kulkarni V.P.
 Yoshida S., Eriguchi Y., Ergoregion instability revisited – a new and general method for numerical analysis of stability, **282**, 580
 Yoshii Y. *see* Burkert A.
 Young C.K. *see* Drinkwater M.J.
 Young S. *see* Corbett E.A.
 Young S. *see* Packham C.
 Young S., Hough J.H., Axon D.J., Ward M.J., Bailey J.A., Optical and near-infrared spectropolarimetry of the infrared-luminous galaxy IRAS 23060 + 0505, **280**, 291
 Young S., Hough J.H., Efstathiou A., Wills B.J., Axon D.J., Bailey J.A., Ward M.J., Scattered broad optical lines in the polarized flux spectrum of the FR II galaxy 3C 321, **279**, L72
 Young S., Hough J.H., Efstathiou A., Wills B.J., Bailey J.A., Ward M.J., Axon D.J., Polarimetry and modelling of narrow-line active galaxies, **281**, 1206
 Young S., Packham C., Hough J.H., Efstathiou A., The nuclear torus in the active galaxy NGC 1068, **283**, L1
 Yungelson L. *see* Tutukov A.
- Začs L., Klochova V.G., Panchuk V.E., Spēlmanis R., The chemical composition of the protoplanetary nebula candidate HD 179821, **282**, 1171
 Zakharova L.A. *see* Ryabchikova T.A.
 Zamorani G. *see* Pozzetti L.
 Zamorano J. *see* Alonso-Herrero A.
 Zampieri L. *see* Turolla R.
 Zampieri L., Miller J.C., Turolla R., Time-dependent analysis of spherical accretion on to black holes, **281**, 1183
 Zane S. *see* Turolla R.
 Zdziarski A.A. *see* Gondek D.
 Zdziarski A.A., Contributions of AGNs and SNe Ia to the cosmic X-ray and gamma-ray backgrounds, **281**, L9
 Zdziarski A.A., Johnson W.N., Magdziarz P., Broad-band γ -ray and X-ray spectra of NGC 4151 and their implications for physical processes and geometry, **283**, 193
 Zdziarski A.A., Magdziarz P., The origin of the correlation between the UV and X-rays in NGC 4151, **279**, L21
 Zepka A.F. *see* Becker W.
 Zhao H., A steady-state dynamical model for the COBE-detected Galactic bar, **283**, 149
 Zhao H., Analytical models for galactic nuclei, **278**, 488
 Zhao H., Mao S., On the microlensing optical depth of the Galactic bar, **283**, 1197
 Zhao H., Prada F., New parametrizations of non-Gaussian line-of-sight velocity distributions, **282**, 1223
 Zhao H., Rich R.M., Spergel D.N., A consistent microlensing model for the Galactic bar, **282**, 175
 Ziener R. *see* Scholz R.-D.
 Zijlstra A.A., Loup C., Waters L.B.F.M., Whitelock P.A., van Loon J.Th., Guglielmo F., Obscured asymptotic giant branch stars in the Magellanic Clouds – II. Near-infrared and mid-infrared counterparts, **279**, 32
 Zimdahl W., ‘Understanding’ cosmological bulk viscosity, **280**, 1239
 Zubko V.G., Krełowski J., Wegner W., The size distribution of dust grains in single clouds – I. The analysis of extinction using multicomponent mixtures of bare spherical grains, **283**, 577
 Zubko V.G., Mennella V., Colangeli L., Bussoletti E., Optical constants of cosmic carbon analogue grains – I. Simulation of clustering by a modified continuous distribution of ellipsoids, **282**, 1321
 Zwitter T. *see* Romano P.

